

Proteoliposomes

Full-Length

## PVRL3 (Human) Recombinant Protein

Catalog # H00025945-G01

Size 10 ug

### Specification

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human PVRL3 full-length ORF (AAH67808.1) recombinant protein without tag.<br>This product is belong to Proteoliposome (PL).                                                                                                                                                                                                                                                                      |
| <b>Sequence</b>                      | MARTLRPSPLCPGGGKAQLSSASLLGAGLLLQPPTPPPLLLLLFPLLLFSRLCGALAGPIIVEPHVT<br>AVWGKNVSLKCLIEVNETITQISWEKIHGSSQTVAVHHPQYGFSVQGEYQGRVLFKNYSLNDATIT<br>LHNIGFSDSGKYICKAVTFPLGNAQSSTTVTLVEPTVSLIKGPDSLIDGGNETVAAICIAATGKPVA<br>HIDWEGDLGEMESTTTSFPNETATIISQYKLFPTRFARGRRITCVVKHQALEKDIRYSFILDIQYAPEV<br>SVTGYDGNWFFVGRKGVNLKCNADANPPPFKSVWSRLDGQWPDGLLASDNTLHFVHPLTFNYS<br>GVYICKVTNSLGQRSDQKVYISAYNSVASLNC |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Theoretical MW (kDa)</b>          | 39.7                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Interspecies Antigen Sequence</b> | Mouse (93); Rat (94)                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Form</b>                          | Liquid                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system with proprietary liposome technology</a>                                                                                                                                                                                                                                                                                                       |
| <b>Purification</b>                  | None                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Recommend Usage</b>               | Heating may cause protein aggregation. Please do not heat this product before electrophoresis.                                                                                                                                                                                                                                                                                                   |
| <b>Storage Buffer</b>                | 25 mM Tris-HCl of pH8.0 containing 2% glycerol.                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                  |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                           |

### Applications

- Antibody Production

## Gene Info — PVRL3

|                     |                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">25945</a>                                                                                                                                                                                                                                                                                                                                                                                |
| GeneBank Accession# | <a href="#">BC067808.1</a>                                                                                                                                                                                                                                                                                                                                                                           |
| Protein Accession#  | <a href="#">AAH67808.1</a>                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Name           | PVRL3                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Alias          | CD113, CDw113, DKFZp566B0846, FLJ90624, PPR3, PRR3, PVRR3, nectin-3                                                                                                                                                                                                                                                                                                                                  |
| Gene Description    | poliovirus receptor-related 3                                                                                                                                                                                                                                                                                                                                                                        |
| Omim ID             | <a href="#">607147</a>                                                                                                                                                                                                                                                                                                                                                                               |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Summary        | Nectins (e.g., PVRL1; MIM 600644) are immunoglobulin-like adhesion molecules that interact with afadin (AF6; MIM 159559). Afadin is an actin filament-binding protein that connects nectins to the actin cytoskeleton. The nectin-afadin system organizes adherens junctions cooperatively with the cadherin (see MIM 192090)-catenin (see MIM 116805) system in epithelial cells.[supplied by OMIM] |
| Other Designations  | nectin 3                                                                                                                                                                                                                                                                                                                                                                                             |

## Pathway

- [Adherens junction](#)
- [Cell adhesion molecules \(CAMs\)](#)

## Disease

- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)