

Proteoliposomes

Full-Length

# HVCN1 (Human) Recombinant Protein

Catalog # H00084329-G01

Size 10 ug

## Specification

### Product Description

Human HVCN1 full-length ORF (ADZ15859.1) recombinant protein without tag.  
This product is belong to Proteoliposome (PL).

### Sequence

MATWDEKAVTRRAKVAPAERMSKFLRHFTVVGDDYHAWNINYKKWENEEEEEEEEQPPPTPVS  
GEEGRAAAPDVAPAGPAPRAPLDFRGMLRKLFSSHRFQVIIICLVVLDALLVLAELIDLKIIQPK  
NNYAAMVFHYMSITLVFFMMEIIFKLFVFRLEFFHHKFEILDVVVVVSFILDVLLFQEHQFEALGLLI  
LLRLWRVARIINGIIISVKTRSERQLLRKQMNVQLAAKIQHLEFSCSEKEQEIERLNKLLRQHGLLGE  
VN

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

30.1

### Form

Liquid

### Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

### Purification

None

### Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

### Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

### Note

Best use within three months from the date of receipt of this protein.

## Applications

- Antibody Production

## Gene Info — HVCN1

|                     |                                                                                                                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">84329</a>                                                                                                                                                                                                                                                                  |
| GeneBank Accession# | <a href="#">JF432642.1</a>                                                                                                                                                                                                                                                             |
| Protein Accession#  | <a href="#">ADZ15859.1</a>                                                                                                                                                                                                                                                             |
| Gene Name           | HVCN1                                                                                                                                                                                                                                                                                  |
| Gene Alias          | HV1, MGC15619, VSOP                                                                                                                                                                                                                                                                    |
| Gene Description    | hydrogen voltage-gated channel 1                                                                                                                                                                                                                                                       |
| Omim ID             | <a href="#">611227</a>                                                                                                                                                                                                                                                                 |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                              |
| Gene Summary        | HVCN1 is a voltage-gated proton channel highly expressed in immune tissues. Channels like HV CN1 mediate the proton conductances required by phagocytic leukocytes for the oxidative burst t hat underlies microbial killing (Ramsey et al., 2006 [PubMed 16554753]).[supplied by OMIM |
| Other Designations  | voltage sensor domain-only protein                                                                                                                                                                                                                                                     |