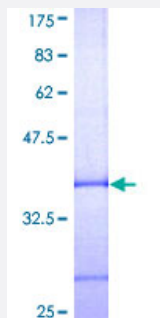


# NDP (Human) Recombinant Protein (Q01)

Catalog # H00004693-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                |                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human NDP partial ORF ( AAH29901, 34 a.a. - 133 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                | SDPRRCMRHHYVDSISHPLYKCSSKMVLLARCEGHCSQASRSEPLVSFSTVLKQPFRSSCHCCRPQTSKALKALRLRCSGGMRLTATYRYILSCHCEECS  |
| <b>Host</b>                    | Wheat Germ (in vitro)                                                                                 |
| <b>Theoretical MW (kDa)</b>    | 36.74                                                                                                 |
| <b>Preparation Method</b>      | <a href="#">in vitro wheat germ expression system</a>                                                 |
| <b>Purification</b>            | Glutathione Sepharose 4 Fast Flow                                                                     |
| <b>Quality Control Testing</b> | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                           |
| <b>Storage Buffer</b>          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                              |
| <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

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — NDP

|                     |                                                                                                                                                                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">4693</a>                                                                                                                                                                                                                                                                                 |
| GeneBank Accession# | <a href="#">BC029901</a>                                                                                                                                                                                                                                                                             |
| Protein Accession#  | <a href="#">AAH29901</a>                                                                                                                                                                                                                                                                             |
| Gene Name           | NDP                                                                                                                                                                                                                                                                                                  |
| Gene Alias          | EVR2, FEVR, ND                                                                                                                                                                                                                                                                                       |
| Gene Description    | Norrie disease (pseudoglioma)                                                                                                                                                                                                                                                                        |
| Omim ID             | <a href="#">300658</a> <a href="#">305390</a> <a href="#">310600</a>                                                                                                                                                                                                                                 |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                            |
| Gene Summary        | This gene encodes a secreted protein with a cystein-knot motif that activates the Wnt/beta-catenin pathway. The protein forms disulfide-linked oligomers in the extracellular matrix. Mutations in this gene result in Norrie disease and X-linked exudative vitreoretinopathy. [provided by RefSeq] |
| Other Designations  | OTTHUMP00000023168 norrin                                                                                                                                                                                                                                                                            |

## Disease

- [Birth Weight](#)
- [Disease Progression](#)
- [Retinal Diseases](#)
- [Retinopathy of Prematurity](#)