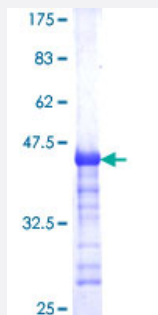


# NOPE (Human) Recombinant Protein (Q01)

Catalog # H00057722-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                            |
|--------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human NOPE partial ORF ( NP_066013, 1152 a.a. - 1250 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                      | DLEPEDLPPEAPDLISGVGDPGQGAAWLDRELGGCELAAPGPDRLTCLPEAASASCSTPDLQ<br>PGEVLEETPGDSCQLKSPCPLGASPLRSPVSSSA       |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                      |
| <b>Theoretical MW (kDa)</b>          | 36.63                                                                                                      |
| <b>Interspecies Antigen Sequence</b> | Mouse (88)                                                                                                 |
| <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 — IGDCC4

|               |                       |
|---------------|-----------------------|
| Entrez GeneID | <a href="#">57722</a> |
|---------------|-----------------------|

|                     |                           |
|---------------------|---------------------------|
| GeneBank Accession# | <a href="#">NM_020962</a> |
|---------------------|---------------------------|

|                    |                           |
|--------------------|---------------------------|
| Protein Accession# | <a href="#">NP_066013</a> |
|--------------------|---------------------------|

|           |        |
|-----------|--------|
| Gene Name | IGDCC4 |
|-----------|--------|

|            |                                 |
|------------|---------------------------------|
| Gene Alias | DDM36, FLJ42051, KIAA1628, NOPE |
|------------|---------------------------------|

|                  |                                                    |
|------------------|----------------------------------------------------|
| Gene Description | immunoglobulin superfamily, DCC subclass, member 4 |
|------------------|----------------------------------------------------|

|               |                           |
|---------------|---------------------------|
| Gene Ontology | <a href="#">Hyperlink</a> |
|---------------|---------------------------|

|              |              |
|--------------|--------------|
| Gene Summary | DCC subclass |
|--------------|--------------|

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Other Designations | likely ortholog of mouse neighbor of Punc E11 neighbor of Punc E11 |
|--------------------|--------------------------------------------------------------------|