

# Recombinant Human DVL3 protein, His & GST-tagged

**Cat. No.** DVL3-1843H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DVL3 aa. (His545~Met716 (Accession # Q92997)) fused with N-terminal His & GST tag was produced in E. coli cells.                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | His545~Met716                                                                                                                                                                                                                  |
| <b>Description</b>      | This gene is a member of a multi-gene family which shares strong similarity with the Drosophila dishevelled gene, dsh. The Drosophila dishevelled gene encodes a cytoplasmic phosphoprotein that regulates cell proliferation. |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 50.0kDa                                                                                                                                                                                              |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                  |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                           |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                       |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,                                                      |

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

|                          |                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>           | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| <b>Storage buffer</b>    | Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.                         |
| <b>Reconstitution</b>    | Reconstitute in sterile PBS, pH7.2-pH7.4.                                                                  |
| <b>Isoelectric Point</b> | 6.8                                                                                                        |

## GENE INFORMATION

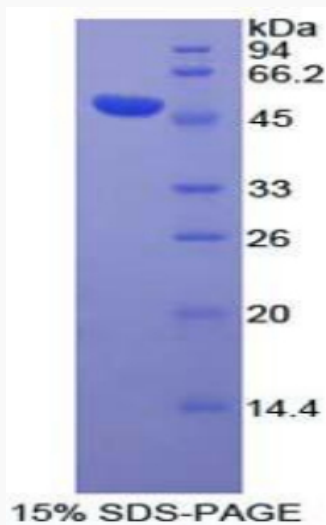
|                        |                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DVL3 dishevelled segment polarity protein 3 [ Homo sapiens (human) ]                                                                                                             |
| <b>Official Symbol</b> | DVL3                                                                                                                                                                             |
| <b>Synonyms</b>        | DVL3; dishevelled segment polarity protein 3; DRS3; segment polarity protein dishevelled homolog DVL-3; dishevelled 3 (homologous to Drosophila dsh); dishevelled, dsh homolog 3 |
| <b>Gene ID</b>         | 1857                                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_004423.3                                                                                                                                                                      |
| <b>Protein Refseq</b>  | NP_004414.3                                                                                                                                                                      |
| <b>UniProt ID</b>      | Q92997                                                                                                                                                                           |

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SDS-PAGE



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