

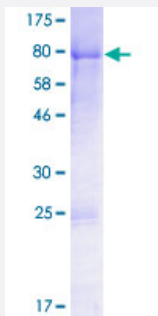
Full-Length

DVL1 (Human) Recombinant Protein (P01)

Catalog # H00001855-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DVL1 full-length ORF (NP_877580.1, 1 a.a. - 444 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAETKIYHMDEEETPYLVKLPVAPERVTLADFKNVLSNRPVHAYKFFFKSMDQDFGVVKEEIFDD
NAKLPCFNGRVSWLVLAEGAHS DAGSQGTD SHTLPPPLERTGGIGDSRPPSFHPNVASSRD
GMDNETGTESMVSHRRERARRRNREEAARTNGHPRGDRRRDVG LPPDSASTALSSELESSSFV
DSEDEGSTRSSSTEQSTSSRLTRKYASSLLKHGFLRHTVNKITFSEQCYVFGDLCSNLATLNL
NSGSSGTS DQDTLAPLPHPAAPWPLGQGYPYQYPGPPCFPPAYQDPGFSYGS GSTGSQQSE
GSKSSGSTRSSRRAPGREKERRAAGAGGSGSESDHTAPSGVGSSWRERPAGQLSRGSSPRS
QASATAPGLPPPHTTKAYTVVGGPPGPPVRELA AVPELTGSRQSFQKAMGNPCEFFVDIM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

74.1

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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

Gene Info — DVL1

Entrez GeneID [1855](#)

GeneBank Accession# [NM_182779.2](#)

Protein Accession# [NP_877580.1](#)

Gene Name DVL1

Gene Alias DVL, MGC54245

Gene Description dishevelled, dsh homolog 1 (Drosophila)

Omim ID [601365](#)

Gene Ontology [Hyperlink](#)

Gene Summary DVL1, the human homolog of the Drosophila dishevelled gene (dsh) encodes a cytoplasmic phosphoprotein that regulates cell proliferation, acting as a transducer molecule for developmental processes, including segmentation and neuroblast specification. DVL1 is a candidate gene for neuroblastomatous transformation. The Schwartz-Jampel syndrome and Charcot-Marie-Tooth disease type 2A have been mapped to the same region as DVL1. The phenotypes of these diseases may be consistent with defects which might be expected from aberrant expression of a DVL gene during development. [provided by RefSeq]

Other Designations OTTHUMP00000003104|dishevelled 1|dishevelled 1 (homologous to Drosophila dsh)

Pathway

- [Basal cell carcinoma](#)
- [Colorectal cancer](#)
- [Melanogenesis](#)
- [Notch signaling pathway](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Cleft Lip](#)
- [Cleft Palate](#)