

Recombinant Full Length Human DVL1 Protein, GST-tagged

Cat. No. DVL1-4135HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DVL1 full-length ORF (NP_877580.1, 1 a.a. - 444 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	444 amino acids
Description	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, Jul 2008]
Molecular Mass	74.1 kDa
AA Sequence	MAETKIIYHMDEEETPYLVKLPVAPERVTLADFKNVLSNRPVHAYKFFFKSMDQDFG VVKEEIFDDNAKLPCFNRRVSWLVLAEGAHS DAGSQGTDSHTDLPPPLERTGGIG DSRPPSFHPNVASSRDGMDNETGTESMVSHRRERARRRRNREEAARTNGHPRGDR RRDVGLPPDSASTALSSELESSSFVDSDEDGSTSRLSSSTEQSTSSRLTRKYASSLL KHGFLRHTVNKITFSEQCYVFGDLCSNLATLNLNSGSSGSTSDQDTLAPLHPAAP

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WPLGQGYPYQYPGPPPCFPAYQDPGFSYSGSGSTGSQQSEGSKSSGSTRSSRA
 PGREKERRAAGAGGSGSESDHTAPSGVGSSWRERPAGQLSRGSSPRSQASATAP
 GLPPPHPTTKAYTVVGGPPGPPVRELAAPPELTGSRQSFQKAMGNPCEFFVDIM

Applications

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

Notes

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

Storage

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

Storage Buffer

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

GENE INFORMATION
Gene Name

DVL1 dishevelled, dsh homolog 1 (Drosophila) [Homo sapiens]

Official Symbol

DVL1

Synonyms

DVL1; dishevelled, dsh homolog 1 (Drosophila); dishevelled 1 (homologous to Drosophila dsh); segment polarity protein dishevelled homolog DVL-1; DSH homolog 1; dishevelled-1; DVL; DVL1L1; MGC54245;

Gene ID

1855

mRNA Refseq

NM_004421

Protein Refseq

NP_004412

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MIM	601365
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UniProt ID	O14640
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