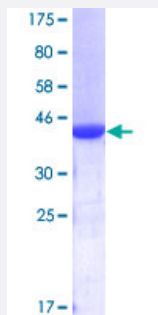


DVL1 (Human) Recombinant Protein (Q01)

Catalog # H00001855-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DVL1 partial ORF (NP_877580, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAETKIYHMDEEETPYLVKLPVAPERVTLADFKNVLSNRPVHAYKFFFKSMDQDFGVVKEEIFDD NAKLPCFN GRVVS WLVLAE GAHSDAGS QGTDSHTDLP PPLERTG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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](#)

Protein Accession# [NP_877580](#)

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](#)