



Recombinant Human Segment polarity protein dishevelled homolog DVL-1 (DVL1)

Product Code	CSB-YP007284HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14640
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>MAETKIIYHM DEEETPYLVK LPVAPERVTL ADFKNVLSNR PVHAYKFFFK SMDQDFGVVK EEIFDDNAKL PCFNDRVSW LVLAEGAHS AGSQGTDSHT DLPPPLERTG GIGDSRPPSF HPNVASSRDG MDNETGTESM VSHRRERARR RNREEAARTN GHPRGDRRRD VGLPPDSAST ALSSELESSS FVDSDEDGST SRLSSSTEQS TSSRLIRKHK RRRRKQRLRQ ADRASSFSSI TDSTMSLNIV TVTLNMERHH FLGISIVGQS NDRGDGGIYI GSIMKGGAVA ADGRIEPGDM LLQVNDVNF NMSNDDAVRV LREIVSQTGP ISLTVAKCWD PTPRSYFTVP RADPVRPIDP AAWLSHTAAL TGALPRYGTS PCSSAVTRTS SSSLTSSVPG APQLEEAPLT VKSDMSAVVR VMQLPDSGLE IRDRMWLKIT IANAVIGADV VDWLYTHVEG FKERREARKY ASSLLKHGFL RHTVNKITFS EQCYVFGDL CSNLATLNLN SGSSGTSDQD TLAPLPHAA PWPLGQGYPY QYPGPPPCFP PAYQDPGFSY GSGSTGSQQS EGSKSSGSTR SSRRAPGREK ERRAAGAGGS GSESDHTAPS GVGSSWRERP AGQLSRGSSP RSQASATAPG LPPPHPTTKA YTVVGGPPGG PPVRELAAMP PELTGSRQSF QKAMGNPCEF FVDIM</p>
Source	Yeast
Target Names	DVL1
Protein Names	Recommended name: Segment polarity protein dishevelled homolog DVL-1 Short name= Dishevelled-1 Alternative name(s): DSH homolog 1
Expression Region	1-695
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.