



# Recombinant Human Segment polarity protein dishevelled homolog DVL-2 (DVL2)

<b>Product Code</b>	CSB-BP007286HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O14641
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MAGSSTGGGG VGETKVIYHL DEETPYLVK IPVPAERITL GDFKSVLQRP            AGAKYFFKSM DQDFGVVKEE ISDDNARLPC FNGRVVS WL V SSDNPQPEMA            PPVHEPRAEL APPAPPLPPL PPERTSGIGD SRPPSFHPNV SSSHENLEPE            TETESVSLR RERPRRDSS EHGAGGHRTG GPSRLERHLA GYESSTLMT            SELESTSLGD SDEEDTMSRF SSSTEQSSAS RLLKRHRRRR KQRPPRLERT            SSFSSVTDST MSLNIITVTL NMEKYNFLGI SIVGQSNERG DGGIYIGSIM            KGGAVAADGR IEPGDMLLQV NDMNFENMSN DDAVRVLRDI VHKPGPIVLT            VAKCWDPSPQ AYFTLPRNEP IQPIDPAAWV SHSAALTGTF PAYPGSSSMS            TITSGSSLPD GCEGRGLSVH TDMASVTKAM AAPESGLEVR DRMWLKITIP            NAFLGSDVVD WLYHHVEGFP ERREARKYAS GLLKAGLIRH TVNKITFSEQ            CYYVFGDLSG GCESYLVNLS LNDNDGSSGA SDQDTLAPLP GATPWPLLPT            FSYQYPAPHP YSPQPPPYHE LSSYTYGGGS ASSQHSEGSR            SSGSTRSDGG AGRTGRPEER APESKSGSGS ESEPSSRGGG            LRRGGEASGT SDGGPPPSRG STGGAPNLRA HPGLHPYGGP            PGMALPYNPM MVVMMPPPPP PVPPAVQPPG APPVRDLGSV            PPELTASRQS FHMAMGNPSE FFVDVM</p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	DVL2
<b>Protein Names</b>	Recommended name: Segment polarity protein dishevelled homolog DVL-2 Short name= Dishevelled-2 Alternative name(s): DSH homolog 2
<b>Expression Region</b>	1-736
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This gene encodes a member of the dishevelled (dsh) protein family. The vertebrate dsh proteins have approximately 40% amino acid sequence similarity with Drosophila dsh. This gene encodes a 90-kD protein that undergoes posttranslational phosphorylation to form a 95-kD cytoplasmic protein, which may play a role in the signal transduction pathway mediated by multiple Wnt proteins. The mechanisms of dishevelled function in Wnt signaling are likely to



be conserved among metazoans.

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**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.

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**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.