



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

Product Code	CSB-EP007286HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14641
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	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
Source	E.coli
Target Names	DVL2
Protein Names	Recommended name: Segment polarity protein dishevelled homolog DVL-2 Short name= Dishevelled-2 Alternative name(s): DSH homolog 2
Expression Region	1-736
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	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.

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.