



# Recombinant Mouse Segment polarity protein dishevelled homolog DVL-2 (Dvl2)

<b>Product Code</b>	CSB-YP730663MO
<b>Abbreviation</b>	Dvl2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q60838
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAGSSAGGGG VGETKVIYHL DEETPYLVK IPVPAERITL GDFKSVLQRP AGAKYFFKSM DQDFGVVKEE ISDDNARLPC FNGRVVS WL V S SDTPQPEVA PPAHESRTEL VPPPPPLPPL PPERTSGIGD SRPPSFHPNV SSSHENLEPE TETESVSLR RDRPRRRDSS EHGAGGHRPG GPSRLERHLA GYESSTLMT SELESTSLGD SDEDDTMSRF SSSTEQSSAS RLLKRHRRRR KQRPPRMERT SSFSSVTDST MSLNIITVTL NMEKYNFLGI SIVGQSNERG DGGIYIGSIM KGGAVAADGR IEPGDMLLQV NDMNFENMSN DDAVRVLRDI VHKPGPIVLT VAKCWD PSPQ AYFTLPRNEP IQPIDPAAWV SHSAALTGAF PAYPGSSSMS TITSGSSLPD GCEGRGLSVH MDMASVTKAM AAPESGLEVR DRMWLKITIP NAFLGSDVVD WLYHHVEGFP ERREARKYAS GLLKAGLIRH TVNKITFSEQ CYYVFGDLSG GCESYLVNLS LNDNDGSSGA SDQDTLAPLP GATPWPLLPT FSYQYPAPHP YSPQPPPYHE LSSYTYGGGS ASSQHSEGSR SSGSTRSDGG AGRTGRPEER APESKSGSGS ESELSSRGGG LRRGGEPGGT GDGGPPPSRG STGAPPNLRA LPGLHPYGAP SGMALPYNPM MVVMMPPPPP PVSTAVQPPG APPVRDLGSV PPELTASRQS FHMAMGNPSE FFVDVM
<b>Source</b>	Yeast
<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**

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