

Datasheet for ABIN7563881  
**DVL2 Protein (AA 1-736) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DVL2
Protein Characteristics:	AA 1-736
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DVL2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Dvl2 Protein expressed in mammalien cells.
Sequence:	<p>MAGSSAGGGG VGETKVIYHL DEEETPYLVK IPVPAERITL GDFKSVLQRP AGAKYFFKSM</p> <p>DQDFGVVKEE ISDDNARLPC FNGRVVSWLV SSDTPQPEVA PPAHESRTEL VPPPPPLPPL</p> <p>PPERTSGIGD SRPPSFHPNV SSSHENLEPE TETESVSLR RDRPRRRDSS EHGAGGHRPG</p> <p>GPSRLERHLA GYESSSTLMT SELESTSLGD SDEDDTMSRF SSSTEQSSAS RLLKRHRRRR</p> <p>KQRPPRMERT SSFSSVTDST MSLNIITVTL NMEKYNFLGI SIVGQSNERG DGGIYIGSIM</p> <p>KGGAVAADGR IEPGDMLLQV NDMNFENMSN DDAVRVLRDI VHKGPIVLT VAKCWDPSPQ</p> <p>AYFTLPRNEP IQPIDPAWV SHSAALTGAF PAYPGSSSMS TITSGSSLPD GCEGRGLSVH</p> <p>MDMASVTKAM AAPESGLEVR DRMWLKITIP NAFLGSDVVD WLYHHVEGFP ERREARKYAS</p> <p>GLLKAGLIRH TVNKITFSEQ CYYVFGDL SG CESYLVNLS LNDNDGSSGA SDQDTLAPLP</p> <p>GATPWPLLPT FSYQYPAPHP YSPQPPPYHE LSSYTYGGGS ASSQHSEGSR SSGSTRSDGG</p> <p>AGRTGRPEER APESKSGSGS ESELSSRGGG LRRGGEPGGT GDGGPPPSRG STGAPPNLRA</p>

## Product Details

LPGLHPYGAP SGMALPYNPM MVVMMPPPPP PVSTAVQPPG APPVRDLGSV PPELTASRQS  
FHMAMGNPSE FFVDVM **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

## Target Details

Target:	DVL2
Alternative Name:	Dvl2 ( <a href="#">DVL2 Products</a> )
Background:	<p>Segment polarity protein dishevelled homolog DVL-2 (Dishevelled-2) (DSH homolog 2),FUNCTION: Plays a role in the signal transduction pathways mediated by multiple Wnt genes. Participates both in canonical and non-canonical Wnt signaling by binding to the cytoplasmic C-terminus of frizzled family members and transducing the Wnt signal to down-stream effectors. Promotes internalization and degradation of frizzled proteins upon Wnt signaling.</p> <p>{ECO:0000269 PubMed:17199046, ECO:0000269 PubMed:20947020, ECO:0000269 PubMed:21189423}.</p>
Molecular Weight:	78.9 kDa

## Target Details

UniProt: [Q60838](#)

Pathways: [Tube Formation](#)

## Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months