

Recombinant Full Length Human DVL2 Protein, GST-tagged

Cat. No. DVL2-6911HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full-length DVL2(1 a.a. - 736 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
Protein Length	736 amino acids
Description	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.
Molecular Mass	105.3 kDa
AA Sequence	MAGSSTGGGGVGETKVIYHLDEEETPYLVKIPVPAERITLGDFKSVLQRPAGAKYFF KSMDQDFGVVKEEISDDN ARLPCFN GRV VSWLVSSDNPQPEMAPPVHEPRAELAP PAPPLPPLPPERTSGIGDSRPPSFHPNVSSSHENLEPE TETESV VSLRRERPRRRD SSEHGAGGHRTGGPSRLERHLAGYESSTLMTSELESTSLGDSDEEDTMSRFSSS TE QSSASRLLKRHRRRRKQRPPRLERTSSFSSVTDSTMSLNIITVTLNMEKYNFLGI SIVGQSNERGDGGIYIGSIM KGGAVAADGRIE PGDMLLQVNDMNFENMSNDDAVR VLRDIVHKPGPIVLTVAKCWD PSPQAYFTLPRNEPIQPID PAAWVSHSAALTGTFFA

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YPGSSSMSTITSGSSLPDGCEGRGLSVHTDMASVTKAMAAPESGLEVRDRMWLKIT
 IP NAFLGSDVVDWLYHHVEGFPERREARKYASGLLKAGLIRHTVKNITFSEQCYYVF
 GDLSGGCESYLVNLSLNDND GSSGASDQDTLAPLPGATPWPLLPTFSYQYPAPHP
 YSPQPPPYHELSSYTYGGGSASSQHSEGSRSSGSTRSDGG AGRTGRPEERAPES
 KSGSGSESEPSSRGGSLRRGGEASGTSDGGPPPSRGSTGGAPNLR AHPGLHPYG
 PPPGMAL PYNPMMVMMPPPPPPVPPAVQPPGAPPVRDLGSPPELTASRQSFH
 MAMGNPSEFFVDVM

Applications ELISA; WB-Re; AP; Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [DVL2 dishevelled segment polarity protein 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [DVL2](#)

Synonyms DVL2; dishevelled, dsh homolog 2 (Drosophila); dishevelled 2 (homologous to Drosophila dsh); segment polarity protein dishevelled homolog DVL-2; dishevelled 2 (homologous to Drosophila dsh); Dishevelled dsh homolog 2; Dishevelled-2; Dishevelled2; DSH homolog 2; DVL 2; Dvl2; DVL2_HUMAN; Segment polarity protein dishevelled homolog DVL 2; Segment polarity protein dishevelled homolog DVL-2; Segment polarity protein dishevelled homolog DVL2; DSH homolog 2; dishevelled-2; OTTHUMP00000128349

Gene ID [1856](#)

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mRNA Refseq	NM_004422
Protein Refseq	NP_004413
MIM	602151
UniProt ID	O14641

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