

Recombinant Human DVL2, GST-tagged

Cat. No. DVL2-108H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DVL2 was expressed as gst-tagged fusion protein by E.Coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	False
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.
AA Sequence	N-term-340aa
Storage	The protein is stored in PBS buffer at -20 oC. Repeated freeze-thaw cycles should be avoided.
Concentration	1.0mg/ml
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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GENE INFORMATION

Gene Name	DVL2 dishevelled, dsh homolog 2 (Drosophila) [Homo sapiens]
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
mRNA Refseq	NM_004422
Protein Refseq	NP_004413
MIM	602151
UniProt ID	O14641
Chromosome Location	17p13.1
Pathway	Basal cell carcinoma; Canonical Wnt signaling pathway; DNA damage response (only ATM dependent)
Function	frizzled binding; identical protein binding; protein binding; protein domain specific

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binding; protein self-association

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