Recombinant Human DVL2 protein, His-tagged

Cat. No. DVL2-1844H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DVL2 aa. (Leu78~Thr250) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Leu78~Thr250
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.
Form	Freeze-dried powder
Molecular Mass	27kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

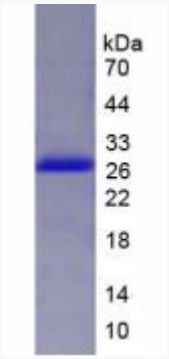
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	8.1

GENE INFORMATION

Gene Name	DVL2 dishevelled segment polarity protein 2 [Homo sapiens (human)]
Official Symbol	DVL2
Synonyms	DVL2; dishevelled segment polarity protein 2; segment polarity protein dishevelled homolog DVL-2; dishevelled 2 (homologous to Drosophila dsh); dishevelled, dsh homolog 2
Gene ID	1856
mRNA Refseq	NM_004422.2

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Protein Refseq	NP_004413.1
UniProt ID	O14641
SDS-PAGE	

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