

Recombinant Mouse Dvl1 protein, His & T7-tagged

Cat. No. Dvl1-1683M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dvl1 aa. (Arg150~Ser332 (Accession # P51141)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Arg150~Ser332
Description	The protein encoded by this gene is a member of the Dishevelled family of proteins. These proteins have an N-terminal Dishevelled/Axin domain, a Dishevelled, EGL-10, Plextrin domain, a central PDZ domain, and a C-terminal domain of approximately 200 amino acids. They regulate both canonical and non-canonical Wnt signaling as well as planar cell polarity pathways. Mice deficient for this gene are viable and fertile but display reduced social interaction. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Applications	SDS-PAGE; WB; ELISA; IP.
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.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	8.1

GENE INFORMATION

Gene Name	Dvl1 dishevelled segment polarity protein 1 [Mus musculus (house mouse)]
Official Symbol	Dvl1
Synonyms	Dvl1; dishevelled segment polarity protein 1; Dvl; mKIAA4029; segment polarity protein dishevelled homolog DVL-1; DSH homolog 1; dishevelled, dsh homolog 1; dishevelled-1
Gene ID	13542
mRNA Refseq	NM_010091.5
Protein Refseq	NP_034221.3

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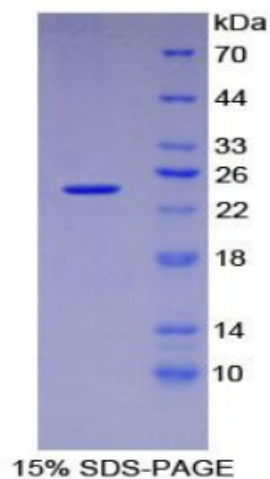
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UniProt ID

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SDS-PAGE

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