Recombinant Human DVL3

Cat. No. DVL3-28354TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Dishevelled 3 with a N terminal proprietary tag: predicted molecular weight 36.63 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	This gene is a member of a multi-gene family which shares strong similarity with the Drosophila dishevelled gene, dsh. The Drosophila dishevelled gene encodes a cytoplasmic phosphoprotein that regulates cell proliferation.
Molecular Weight	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	MGETKIIYHLDGQETPYLVKLPLPAERVTLADFKGVLQRPSYKFFFKSMDDDFGVVK

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acids	EEISDDNAKLPCFNGRVVSWLVSAEGSHPDPAPFCADNPSELP*
Sequence Similarities	Belongs to the DSH family.Contains 1 DEP domain.Contains 1 DIX domain.Contains 1 PDZ (DHR) domain.

GENE INFORMATION

Gene Name	DVL3 dishevelled, dsh homolog 3 (Drosophila) [Homo sapiens]
Official Symbol	DVL3
Synonyms	DVL3; dishevelled, dsh homolog 3 (Drosophila); dishevelled 3 (homologous to Drosophila dsh); segment polarity protein dishevelled homolog DVL-3; KIAA0208;
Gene ID	1857
mRNA Refseq	NM_004423
Protein Refseq	NP_004414
MIM	601368
Uniprot ID	Q92997
Chromosome Location	3q27
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Canonical Wnt signaling pathway, organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; HTLV-I infection, organism-specific biosystem;

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Function	beta-catenin binding; frizzled binding; protease binding; protein binding; protein heterodimerization activity;

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