Recombinant Human DVL3

Cat. No. DVL3-28353TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Dishevelled 3 with a N terminal proprietary tag: predicted molecular weight 104.83 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	716 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	104.830kDa 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	MGETKIIYHLDGQETPYLVKLPLPAERVTLADFKGVLQRP SYKFFFKSMDDDFGVVK

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acids	EEISDDNAKLPCFNGRVVSWLVS AEGSHPDPAPFCADNPSELPPPMERTGGIGDS RPPSFHPH AGGGSQENLDNDTETDSLVSAQRERPRRRDGPEHATRLNG TAKGER RREPGGYDSSSTLMSSELETTSFFDSDEDDSTSR FSSSTEQSSASRLMRRHKRRR RKQKVSRIERSSSFSSITD STMSLNIITVTLNMEKYNFLGISIVGQSNERGDGGIYIGS IMKGGAVAADGRIEPGDMLLQVNEINFENMSNDDAVRVLR EIVHKPGPITLTVAKCW DPSPRGCFTLPRSEPIRPIDPAA WVSHTAAMTGTFPAYGMSPSLSTITSTSSSITSSI PDTER LDDFHLSIHSDMAAIVKAMASPESGLEVRDRMLLKITIPN AFIGSDVVDWLY HNVEGFTDRREARKYASNLLKAGFIRHT VNKITFSEQCYYIFGDLCGNMANLSLHDH DGSSGASDQDT LAPLPHPGAAPWPMAFPYQYPPPPHPYNPHPGFPELGYSY GGG SASSQHSEGSRSSGSNRSGSDRRKEKDPKAGDSKSGG SGSESDHTTRSSLRGPR ERAPSERSGPAASEHSHRSHHSL ASSLRSHHTHPSYGPPGVPPLYGPPMLMMPPP PAAMGPPG APPGRDLASVPPELTASRQSFRMAMGNPSEFFVDVM
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

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

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