

Recombinant Human DVL1 293 Cell Lysate

Cat. No. DVL1-6766HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for dishevelled, dsh homolog 1 (Drosophila) (DVL1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

DVL1 dishevelled, dsh homolog 1 (Drosophila) [Homo sapiens]

Official Symbol

DVL1

Synonyms

DVL1; dishevelled, dsh homolog 1 (Drosophila); dishevelled 1 (homologous to Drosophila dsh); segment polarity protein dishevelled homolog DVL-1; DSH homolog 1; dishevelled-1; DVL; DVL1L1; MGC54245;

Gene ID

1855

mRNA Refseq

NM_004421

Protein Refseq

NP_004412

MIM

601365

UniProt ID

O14640

**Chromosome
Location**

1p36

Pathway

Adipogenesis, organism-specific biosystem; 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

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biosystem; HTLV-I infection, conserved biosystem;

Function

Rac GTPase binding; Rac GTPase binding; enzyme binding; frizzled binding;
identical protein binding; molecular_function; protein binding; protein kinase binding;
protein kinase binding; signal transducer activity;

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