Recombinant Human FZD6 293 Cell Lysate

Cat. No. FZD6-6089HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for frizzled homolog 6 (Drosophila) (FZD6), transcript variant 1 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	FZD6 frizzled family receptor 6 [Homo sapiens]
Official Symbol	FZD6
Synonyms	FZD6; frizzled family receptor 6; frizzled (Drosophila) homolog 6 , frizzled 6, seven transmembrane spanning receptor , frizzled homolog 6 (Drosophila); frizzled-6; Hfz6; frizzled homolog 6; seven transmembrane helix receptor; frizzled 6, seven transmembrane spanning receptor; FZ6; FZ-6; HFZ6; NDNC10;
Gene ID	8323
mRNA Refseq	NM_001164615
Protein Refseq	NP_001158087
MIM	603409
UniProt ID	O60353
Chromosome Location	8q22.3-q23.1
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific

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	biosystem; HTLV-I infection, conserved biosystem; Melanogenesis, organism-specific biosystem;
Function	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding; Wnt-protein binding; protein binding; receptor activity; signal transducer activity;

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