Recombinant Human FZD2 Protein, Fc-tagged

Cat. No. FZD2-255H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human FZD2 protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	565
Description	This intronless gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the wingless type MMTV integration site family of signaling proteins. This gene encodes a protein that is coupled to the beta-catenin canonical signaling pathway. Competition between the wingless-type MMTV integration site family, member 3A and wingless-type MMTV integration site family, member 5A gene products for binding of this protein is thought to regulate the beta-catenin-dependent and -independent pathways.
Form	Lyophilized
Molecular Mass	41.7 kDa
AA Sequence	MRPRSALPRLLLPLLLLPAAGPAQFHGEKGISIPDHGFCQPISIPLCTDIAYNQTIMPN LLGHTNQEDAGLEVHQFYPLVKVQCSPELRFFLCSMYAPVCTVLEQAIPPCRSICER ARQGCEALMNKFGFQWPERLRCEHFPRHGAEQICVGQNHSEDGAPALLTTAPPPG LQPGAGGTPGGPGGGGAPPRYATLEHPFHCPRVLKVPSYLSYKFLGERDCAAPCE PARPDGSMFFSQEETRFARLWILTWSVLCCASTFFTVTTYLVDMQRFRYPERPIIFLS

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	GCYTMVSVAYIAGFVLQERVVCNERFSEDGYRTVVQGTKKEGCTILFMMLYFFSMA SSIWWVILSLTWFLAAGMKWGHEAIEANSQYFHLAAWAVPAVKTITILAMGQIDGDLL SGVCFVGLNSLDPLRGFVLAPLFVYLFIGTSFLLAGFVSLFRIRTIMKHDGTKTEKLER LMVRIGVFSVLYTVPATIVIACYFYEQAFREHWERSWVSQHCKSLAIPCPAHYTPRM SPDFTVYMIKYLMTLIVGITSGFWIWSGKTLHSWRKFYTRLTNSRHGETTV
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	FZD2 frizzled family receptor 2 [Homo sapiens (human)]
Official Symbol	FZD2

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Synonyms	FZD2; frizzled family receptor 2; frizzled (Drosophila) homolog 2 , frizzled 2, seven transmembrane spanning receptor , frizzled homolog 2 (Drosophila); frizzled-2; frizzled homolog 2; frizzled 2, seven transmembrane spanning receptor; Fz2; fz-2; fzE2; hFz2;
Gene ID	2535
mRNA Refseq	NM_001466
Protein Refseq	NP_001457
MIM	600667
UniProt ID	Q14332

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