

Active Recombinant Human FZD7 protein, His-tagged

Cat. No. FZD7-643H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FZD7 protein(Gln 33 - Leu 185), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln33-Leu185
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Loaded Biotinylated Human Glypican 3, His,Avitag, premium grade on SA Biosensor, can bind Human Frizzled-7, His Tag with an affinity constant of 1.18 µM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 18.6 kDa. The protein migrates as 25-32 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please protect from light and avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name FZD7 frizzled family receptor 7 [Homo sapiens]

Official Symbol FZD7

Synonyms

FZD7; frizzled family receptor 7; frizzled (Drosophila) homolog 7 , frizzled 7, seven transmembrane spanning receptor , frizzled homolog 7 (Drosophila); frizzled-7; FzE3; fz-7; hFz7; frizzled homolog 7; Frizzled, drosophila, homolog of, 7; frizzled 7, seven transmembrane spanning receptor;

Gene ID 8324

mRNA Refseq NM_003507

Protein Refseq NP_003498

MIM 603410

UniProt ID O75084

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