

Active Recombinant Human FZD7 protein, hFc&His-tagged

Cat. No. FZD7-2704H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Frizzled-7/FZD7 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln33-Leu185) of human Frizzled-7 (Accession #NP_003498.1) fused with an Fc, 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Gln33-Leu185
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	1.Measured by its binding ability in a functional ELISA. Immobilized Human Glypican-3 Protein at 5 µg/mL (100 µL/well) can bind Human FZD7 with a linear range of 4.88-935.5 ng/mL. 2.Measured by its binding ability in a functional ELISA. Immobilized Human Glypican-3 Protein at 5 µg/mL (100 µL/well) can bind Human FZD7 with a linear range of 4.88-520.4 ng/mL.
Molecular Mass	50-60 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.

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Storage Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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

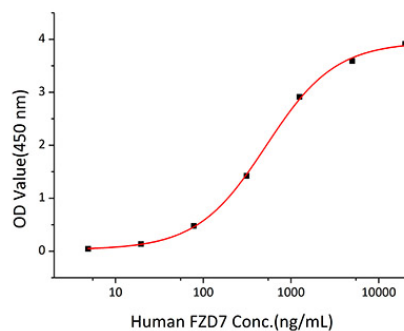
UniProt ID O75084

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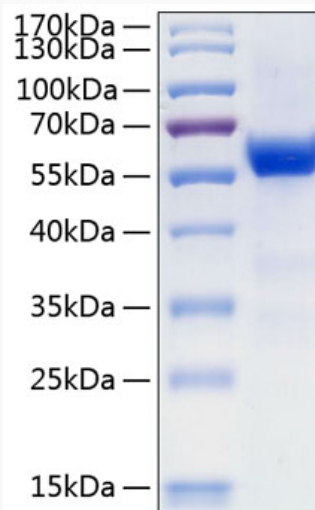
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Bio-activity



SDS-PAGE



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