

Frizzled-7 Recombinant Protein | Fz-7 recombinant protein

Recombinant Human Frizzled-7 Protein

CATALOG #
AAA281511

HOST
HEK293 Cells

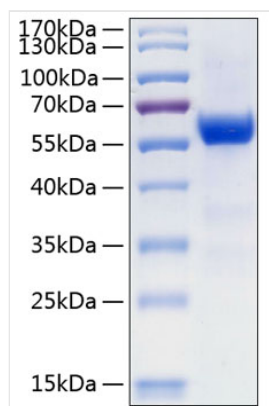
PRODUCT SYNONYMS

Frizzled-7; Recombinant Human Frizzled-7 Protein; hFz7; FzE3; Fz-7 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>95% by SDS-PAGE.
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Sequence	QPYHGEGKIS VPDHGFCQPI SIPLCTDIAY NQTILPNLLG HTNQEDAGLE VHQFYPLVKV QCSPELRFFL CSMYAPVCTV LDQAIPPCRS LCERARQGCE ALMNKFGFQW PERLCENFP VHGAGEICVG QNTSDGSGGP GGGPTAYPTA PYL
Sequence Length	574
Species	Human
Endotoxin	< 0.1 EU/ug of the protein by LAL method.
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.
Tag	Fc, 6xHis tag at the C-terminus
Preparation and Storage	Store the lyophilized protein at -20 degree C to -80 degree C for long term. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



SDS-PAGE

Recombinant Human Frizzled-7 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 50-60 kDa.

ADDITIONAL INFORMATION

Related Product Information for Fz-7 recombinant protein	Description: Recombinant Human Frizzled-7 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, 6xHis tag at the C-terminus. Background: Frizzled-7 is a member of the Frizzled family of unconventional G-protein-coupled glycoprotein receptors for the Wnt signaling pathway. During development, Frizzled-7 is expressed during gastrulation and in the fetal gut, kidney and lung where it is thought to influence tissue morphogenesis via non-canonical signaling pathways. In the adult, Frizzled-7 is expressed in skeletal muscle, especially in satellite cells that mediate muscle regeneration in response to Wnt-7a. It is expressed in embryonic stem cells (ES), contributing to self-renewal signaling. Frizzled-7 expression may downregulate APC function and enhance beta-catenin-mediated signals in poorly differentiated human esophageal carcinomas.
Product Categories/Family for Fz-7 recombinant protein	Other Recombinant Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	52788226
NCBI GeneID	8324
UniProt Accession #	O75084
NCBI Official Full Name	Frizzled-7
NCBI Official Synonym Full Names	frizzled class receptor 7
NCBI Official Symbol	FZD7
NCBI Official Synonym Symbols	FzE3
NCBI Protein Information	frizzled-7
UniProt Protein Name	Frizzled-7
UniProt Gene Name	FZD7
UniProt Synonym Gene Names	Fz-7; hFz7
UniProt Entry Name	FZD7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.