

Recombinant Human FZD7 Protein, GST-tagged

Cat. No. FZD7-2166H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FZD7 full-length ORF (AAH15915.1, 1 a.a. - 574 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD7 protein contains an N-terminal signal sequence, 10 cysteine residues typical of the cysteine-rich extracellular domain of Fz family members, 7 putative transmembrane domains, and an intracellular C-terminal tail with a PDZ domain-binding motif. FZD7 gene expression may downregulate APC function and enhance beta-catenin-mediated signals in poorly differentiated human esophageal carcinomas.
Form	Liquid
Molecular Mass	88.77 kDa
AA sequence	MRDPGAAAPLSSLGLCALVLALLGALSAGAGAQPYHGEKGISVPDHGFCQPISIPLC TDIAYNQITLPNLLGHTNQEDAGLEVHQFYPLVKVQCSPELRFFLCSMYAPVCTVLD QAIPPCRSLCERARQGCEALMNKFGFQWPERLRCENFPVHGAGEICVGQNTSDGS GGPGGGPTAYPTAPYLPDLPFTALPPGASDGRGRPAFPFSCPRQLKVPPYLG YRFL GERDCGAPCEPGRANGLMYFKEEERRFARLWVGWWSVLCCASTLFTVLTYLVDMR RFSYPERPIIFLSGCYFMVAVAHVAGFLLDRAVCVERFSDDGYRTVAQGTKKEGCT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ILFMVLYFFGMASSIWWVILSLTWFLAAGMKWGHEAIEANSQYFHAAWAVPAVKTI
 TILAMGQVDGDLISGVCYVGLSSVDALRGFVLAPLFVYLFIGTSFLLAGFVSLFRIRTI
 MKHDGKTEKLEKLMVRIGVFSVLYTVPATIVLACYFYEQAFREHWERTWLLQTCKS
 YAVPCPPGHFPPMSPDFTVFMIKYLMTMIVGITTGFWIWSGKTLQSWRRFYHRLSH
 SSKGETAV

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [FZD7 frizzled class receptor 7 \[Homo sapiens \(human\) \]](#)

Official Symbol [FZD7](#)

Synonyms FzE3

Gene ID [8324](#)

mRNA Refseq [BC015915](#)

Protein Refseq [AAH15915.1](#)

MIM [603410](#)

UniProt ID [O75084](#)

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