

Recombinant Full Length *Xenopus Tropicalis* Frizzled-7(Fzd7) Protein, His-Tagged

Cat. No. RFL33853XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> Frizzled-7(fzd7) Protein (Q5BL72) (20-548aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Source	<i>E. coli</i>
ProteinLength	Full Length of Mature Protein (20-548)
Form	Lyophilized powder
AA Sequence	QQYHGEKGISVPDHGFCQPISIP LCTDIAYNQTIMPNLLGHTNQEDAGLEVHQFYPLV KV QCSPELRFFLC SMYAPVCTVLEQAIPPCRSLCERARQGCEALMNKFGFQWPER LRCENFP VHGAGEICVGQNTSDNSPSGPTARPTPYLPDSITFHHPNDRDFTCPRQL KVPPYLGYRFL GEKDCGAPCEPGKANGLMYFKEEEVRFARLWVGIWAILCGISTLF TVLTYLVDMRRFSYP ERPIIFLSGCYFMVAVAYTAGFLLLEERGVCVERFSEDSYRTV AQGTKKEGCTILFMILYF FGMASSIWWVILSLTWFLAAGMKWGHEAIEANSQYFH LA AWAVPAVKTITILAMGQVDGD ILSGVCYVGINSVDSL RGFVLAPLFVYLFIGTSFLLA GFVSLFRIRTIMKHDG TKTEKLE KLMVRIGVFSVMYTPATIVLACYFYEQAFRDTWE KTWLVQTCKGFAVPCPNYNFAPMSP DFTVFMIKYLMTMIVGITSSFWIWSGKTLQS WRRFYHRLSNGGKGETAV
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	fzd7
Synonyms	fzd7; TNeu065e03.1; Frizzled-7; Frz7; Fz-7
UniProt ID	Q5BL72

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