

Recombinant Full Length *Xenopus laevis* Frizzled-1(Fzd1) Protein, His-Tagged

Cat. No. RFL36410XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length *Xenopus laevis* Frizzled-1(fzd1) Protein (Q9I9M5) (36-559aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species

Xenopus laevis

Source

E. coli

Protein Length

Full Length of Mature Protein (36-559)

Form

Lyophilized powder

AA Sequence

QYNGEKGISIPDHGYCQPISIP LCTDIAYNQTIMPNLLGHTNQEDAGLEVHQFYPLVK
 VQ CSP ELKFFLCSIYAPVCTVLEQALPPCRSLCDRARQGCEALMNKFGFQWPESLR
 CEKFPI NGAGELCVGQNTTESGTPPAVPETWTSNSRYYRDKFMCPRALKVPAY
 VNYHFLGEKDC GAPCEVGKVHGLMYFAPEELNFARIWIGIWSVLCCASTLFTVLTYL
 VDMKRFSYPERPII FLSGCYTMVAIAYIAGFLLEDKVCNERFAEDGYKTVAQGTTK
 EGCTFLFMMLYFFSMAS SIWWVILSLTWFLAAGMKWGHEAIEANSQYFHAAWAV
 PAIKTITILAVGQVDGDTLSGV CFVGINNVDALRGFVLAPLFFVYLFIGTSFLLAGFVSLF
 RIRTIMKHDGTEKLEKLMVR IGIFSVLYTPATIVIACYFYEQAFREQWEKSWISQS
 CKTYAIPCPSTGHPPMSPDFTVF MIKYLMTLIVGITSGFWIWSGKTLNSWRKFYTRL
 TNSKQGETTV

Purity

Greater than 90% as determined by SDS-PAGE.

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

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 multiple 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	fzd1
Synonyms	fzd1; fz1; Frizzled-1; Fz-1; Xfz1
UniProt ID	Q9I9M5

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