

Recombinant Full Length Human Frizzled-1(Fzd1) Protein, His-Tagged

Cat. No. RFL13692HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human Frizzled-1(FZD1) Protein (Q9UP38) (70-647aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Human

Source

E.coli

ProteinLength

Full Length of Mature Protein (70-647)

Form

Lyophilized powder

AA Sequence

VRAQAAGQGPGQGGPGGQPPPPPPQQQQSGQQYNGERGISVDPDHGYCQPISIP
 CTDIAY NQTIMPNULLGHTNQEDAGLEVHQFYPLVKVQCSAELKFFLCSMYAPVCTVL
 EQALPPCRS LCERARQGCEALMNKFGFQWPDTLKCEKFPVHGAGELCVGQNTSD
 KGTPPSLLPEFWTS NPQHGGGGHRRGGFPGGAGASERGKFSCPRALKVPSYLN
 YHFLGKDCGAPCEPTKVYGLM YFGPEELRFSRTWIGIWSVLCCASTLFTVLTYLVD
 MRRFSYPERPIIFLSGCYTAVAVAY IAGFLLEDRVVCNDKFAEDGARTVAQGTTKEG
 CTILFMMLYFFSMASSIWWWVILSLTWFL AAGMKWGHEAIEANSQYFHLLAAWAVPAIK
 TITILALGQVDGDVLSGVCFVGLNNDALRG FVLAPLFVYLFIGTSFLLAGFVSLFRIR
 TIMKHDGKTEKLEKLMVRIGVFSVLYTVPAT IVIACYFYEQAFRDQWERSWVAQSC
 KSYAIPCPHLQAGGGAPPHPPMSPDFTVFMIKYLM TLIVGITSGFWIWSGKTLNSWR
 KFYTRLTNSKQGETTV

Purity

Greater than 90% as determined by SDS-PAGE.

 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

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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 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

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|-------------------|------------------------------------|
| Gene Name | FZD1 |
| Synonyms | FZD1; Frizzled-1; Fz-1; hFz1; FzE1 |
| UniProt ID | Q9UP38 |

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