

Recombinant Full Length *Xenopus laevis* Fibroblast Growth Factor Receptor 1(Fgfr1) Protein, His-Tagged

Cat. No. RFL5885XF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length *Xenopus laevis* Fibroblast growth factor receptor 1(fgfr1) Protein (P22182) (21-812aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species

Xenopus laevis

Source

E. coli

ProteinLength

Full Length (21-812)

Form

Lyophilized powder

AA Sequence

ARPPSTLPDEVAPKTKTEVEPYSAQPGDRITLQCRLREDVQSINWVKNGVQLSETN
 RTRITGEEIQISNAGPEDNGVYACVTNGPSRTYTVLCSVNVSDALPSAEDDDEDDDN
 SSSEKAAENSKPNRPLWHPKMEKKLHAVPAAKTVKFRCPANGTPTPTLRWLKN
 NRAFQQDQRIGGYKVRSTWVSLIMDSVVPDVKGNVTCIVENKYGAINHTYQLDVVE
 RSPHRPILQAGLPANTSVTVGTTAEFCKVYSDPQPHIQWLRHIEINGSRVSDGFP
 YVEILKTAGVNTSDKDMEVLHLRNVTFEDAGQYTCLAANSIGISHHSAWLTVLKVED
 NKPALLASPLQLEIIIIYCTGAAFVSAMVVTTIIIFKMKHPSKKSDFNSQLAVHKLAKSIPV
 RRQVTVSGDSSSSMNSGVILVRLSSSGTPMLSGLSEYELPEDPRWEVARDRLILG
 KPLGEGCFGQVMAEAIGLDKEKPNKVTKVAVKMLKSDASEKDLSDLISEMEMMKM
 IGKHKNIINLLGACTQDGPLYVIVEYTSKGNLREYLRARRPPAMEYCYNPTCVDPDQLL
 SFKDLVSCAYQVARGMDYLASKKCIHRDLAARNVLVTEDNIMKIADFGLARDIHHIDY
 YKKTNGRLPVKWMAPEALFDRIYTHQSDVWSFGVLLWEIFTLGGSPYPGVPMEEL

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FKLLKEGHRMDKPTNCTNELYMMMKDCWHAMPSQRPTFNQLVEDLDRILALSSNQ
EYLDLSMPVQYSPCFDTRSSTCSSGEDSMFSDHPLPDEPCLPKYSNGGLKKR

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

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 fgfr1

Synonyms fgfr1; fgfra2; Fibroblast growth factor receptor 1; FGFR-1

UniProt ID [P22182](#)

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