

Recombinant Full Length Human Relaxin Receptor 1(Rxfp1) Protein, His-Tagged

Cat. No. RFL31096HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Relaxin receptor 1(RXFP1) Protein (Q9HBX9) (1-757aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-757)
Form	Lyophilized powder
AA Sequence	MTSGSVFFYILIFGKYFSHGGGQDVKCSLGYPFCGNITKCLPQLLHCNGVDDCGNQ ADEDED NCGDNNGWSLQFDKYFASYKMTSQYPFEAETPECLVGSVPVQCLCQGLE LDCDETNLRA VPSVSSNVTAMSLQWNLIRKLPPDCFKNYHDLQKLYLQNNKITSISY AFRGLNSLTCLY LSHNRITFLKPGVFEDLHRLEWLIIEDNHLRSRISPTFYGLNSLILLV LMNNVLTRLDPK PLCQHMPRLHWLDLEGNIHNLRLNLT FISC SNLTVLVMRKNKINH LNENTFAPLQKLDEL DLGSNKIENLPPLIFKDLKELSQLNLSYNPIQKIQANQFDYLVK LKSLSLEGIEISNIQQ RMFRPLMNLSHIYFKKFQYCGYAPHVRSCKPNTDGISSLENL LASIIQRVFVWVVSATC FGNIFVICMRPYIRSENKLYAMSIISLCCADCLMGIYLFVIG GFDLKRGEYNKHAQLWM ESTHCQLVGSLAILSTEVSVLLL TFLTLEKYICIVYPFRC VRPGKCRITITVLILIWITGF IVAFIPLSNKEFFKNYYGTNGVCFPLHSEDTESIGAQIYS VAIFLGINLAAFIIVFSYG SMFYSVHQSAITATEIRNQVKKEMILAKRFFFIVFTDALCW IPIFVVKFLSLLQVEIPGT ITSWVIFILPINSALNPILYTLTTRPFKEMIHRFWYNYRQR

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	KSMDSKGQKTYAPSEFIWV EMWPLQEMPPELMKPDLFTYPCEMSLISQSTRLNSYS
Purity	Greater than 90% as determined by 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	RXFP1
Synonyms	RXFP1; LGR7; Relaxin receptor 1; Leucine-rich repeat-containing G-protein coupled receptor 7; Relaxin family peptide receptor 1
UniProt ID	Q9HBX9

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