

Recombinant Full Length Human Relaxin Receptor 1(Rxrp1) 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 LMNNVLTRLPLDK PLCQHMPRLHWDLEGNHIHNLRLNLT FISC SNLTVLVMRKNKINH LNENTFAPLQKLDEL DLGSNKIENLPPLIFKDLKELSQLNLSYNPIQKIQANQFDYLVK LKSLSLLEGIEISNIQQ RMFRPLMNLSHIYFKKFQYCGYAPHVRSCKPNTDGISSLENL LASIIQRVFVWVVSATC FGNIFVICMRPYIRSENKLYAMSIISLCCADCLMGIYLFVIG GFDLKRGEYNKHAQLWM ESTHCQLVGSLAILSTEVSVLLLTLTLEKYICIVYFPFR VRPGKCRITITVLILIWITGF IVAFIPLSNKEFFKNYYGTNGVCFPLHSEDTESIGAQIYS VAIFLGINLAAFIIVFSYG SMFYSVHQSAITATEIRNQVKKEMILAKRFFFIVFTDALCW IPIFVVKFLSLLQVEIPGT ITSWVIFILPINSALNPILYTLTTRPFKEMIHRFWYNYRQR

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KSMDSKGQKTYAPSEFIWV EMWPLQEMPPELMKPDFTYPCEMSLISQSTRLNSYS

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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