

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

MTSGSVFFYILIFGKYFSHGQQDVKCSLGYFPCGNITKCLPQLLHCNGVDDCGNQ
 ADED NCGDNNGWSLQFDKYFASYKMTSQYPFEAETPECLVGSVPVQCLCQGLE
 LDCDETNLRA VPSVSSNVTAMSLQWNLIRKLPDPCFKNYHDLQKLYLQNNKITSISY
 AFRGLNSLTKLY LSHNRITFLKPGVFEDLHRLEWLIIEDNHLRSRISPTFYGLNSLILLV
 LMNNVLTRL PDK PLCQHMPRLHWDLEGNHIIHNLRLNTFISCSNLTVLVMRKNKINH
 LNENTFAPLQKLDEL DLGSNKIENLPPLIFKDLKELSQLNLSYNPIQKIQANQFDYLVK
 LKSLSLLEGIEISNIQQ RMFRPLMNL SHIYFKKFQYCGYAPHVRSCKPNTDGISSLENL
 LASIIQRVFWVVSAVTC FGNIFVICMRPYIRSENKLYAMSIISLCCADCLMGIYLFVIG
 GFDLKRGEYNKHAQLWM ESTHCQLVGLAILSTEVSVLLLLTFLTLEKYICIVYPFRC
 VRPGKCRITVLIWIWITGF IVAFIPLSNKEFFKNYYGTNGVCFPLHSEDTESIGAQIYS
 VAIFLGINLAAFIIVFSYG SMFYSVHQSAITATEIRNQVKKEMILAKRFFFIVFTDALCW
 IPIFVVKFLSLLQVEIPGT ITSWVIFILPINSALNPILYTLTTRPFKEMIHFRFWYNYRQR

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KSMDSKGQKTYAPFSIWV 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 mutiple 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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