

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

Cat. No. RFL6446MF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Mouse Relaxin receptor 1(Rxfp1) Protein (Q6R6I7) (1-758aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Mus musculus

Source

E.coli

ProteinLength

Full Length (1-758)

Form

Lyophilized powder

AA Sequence

MTSGPFFFCIFIIGKYFTLGSAQDVSCPLGSFPCGNMSRCLPQLLHCNGVDDCGNRA
 DED HCGDNNGWSLQLDKYFANYKLASTNSFEAETSECLVGSVPMHCLCRDLELD
 CDEANLRA VPSVSSNVTVMQLQRNFIRTLPPNGFRKYHELQKLCLQNNRIHSVSVS
 AFRGLRSLTKLY LSHNRITFLKPGVFEDLHRLEWLIIEDNHLRSRISPLTFYGLNSLILLV
 LMNNALTRLPK PLCQHMPRLHWLDFEGNRIHNLRLNTFISCNNLTVLVMRKNKINY
 LNEHAFTHLQKLDEL DLGSNKIENLPPNIFKDLKELSQLNISYNPIQKIEVNQFDCLAK
 LKLSLEGIEISNIQQ RMFRPLINLSHIYFKKFQYCGYAPHVRSCKPNTDGISSLENLL
 ASIIQRVFWVVSAITC FGNIFVICMRPYIRSENKHAMSIISLCCADCLMGVYLFVIGA
 FDLKFRGEYNKHAQPWM ESVHCQFMGSLAILSTEVSVLLLTFLTLEKYICIVYPRCL
 RPRKCRITVLIFIWIIGF IVAFAPLGNKEFFKNYYGTNGVCFPLHSEDGTGSTGAQIYS
 VVIFLGINLVAFIIIVFSYG SMFYSVHQSSVTVTEIQKQVKKEVVLAKRFFVFTDALC
 WIPIFILKFLSLLQVEIPDS ITSWVVIFILPINSALNPIIYTLTTRPFKEMIHQLWHNYRQR

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RSVDRKETQKAYAPSWI WEMWPLQEMSSGFMKPGAFTDPCDLSLVSQSSRLNSY
S

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; Gm1018; Lgr7; Relaxin receptor 1; Leucine-rich repeat-containing G-protein coupled receptor 7; Relaxin family peptide receptor 1

UniProt ID [Q6R617](#)

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