

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	Mouse
Source	E.coli
ProteinLength	Full Length (1-758)
Form	Lyophilized powder
AA Sequence	MTSGPFFFCIFIIGKYFTLGSAQDVSCPLGSFPCGNMSRCLPQLLHCNGVDDCGNRA DED HCGDNNGWSLQLDKYFANYKLASTNSFEAETSECLVGSVPMHCLCRDLELD CDEANLRA VPSVSSNVTVMQLQRNFIRTLPPNGFRKYHELQKLCLQNNRIHSVSVS AFRGLRSLTKLY LSHNRITFLKPGVFEDLHRLEWLIIEDNHLSRISPLTFYGLNSLILLV LMNNALTRL PDK PLCQHMPRLHWLDFEGNRIHNLRLNLT FISCNNLTVLVMRKNKINY LNEHAFTHLQKLDEL DLGSNKIENLPPNIFKDLKELSQLNISYNPIQKIEVNQFDCLAK LKSLSLLEGIEISNIQQ RMFRPLINLSHIYFKKFQYCGYAPHVRSCKPNTDGISSLENLL ASIIQRVFVWVVSATC FGNIFVICMRPYIRSENKLHAMSII SLCCADCLMGVYLFVIGA FDLKFRGEYNKHAQPWM ESVHCQFMGSLAILSTEVSVLLLTFLTLEKYICIVYPPFRCL RPRKCRTITVLIFIWIIGF IVAFAPLGNKEFFKNYYGTNGVCPLHSED TGSTGAQIYS VVIFLGINLVAFIIIVFSYG SMFYSVHQSSVTVTEIQKQVKKEVV LAKRFFFIVFTDALC WIPFILKFLSLLQVEIPDS ITSWVVIFILPINSALNPIIYTLTTRPFKEMIHQLWHNYRQR

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	RSVDRKETQKAYAPSWI VEMWPLQEMSSGFMKPGAFTDPCDLSLVSQSSRLNSYS
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	Q6R6I7