

Recombinant Full Length Human Relaxin Receptor 2(Rxrp2) Protein, His-Tagged

Cat. No. RFL36821HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Relaxin receptor 2(RXFP2) Protein (Q8WXD0) (1-754aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-754)
Form	Lyophilized powder
AA Sequence	MIVFLVFKHLFSLRLITMFFLLHFIVLINVKDFALTQGSMITPSCQKGYFPCGNLTKCLP RAFHCDGKDDCGNGADEENCGDTSGWATIFGTVHGNANSVALTQECFLKQYPQC CDCKET ELECVDGLKSVPMISNNVTLLSLKKNKIHSPLDKVFIKYTKLKKIFLQHNCI RHISRKA FFGLCNLQILYLNHNCITTLRPGIFKDLHQLTWLILDDNPITRISQRLFTGLN SLFFLSM VNNYLEALPKQMCAQMPQLNWVDLEGNRIKYLTNSTFLSCDSLTVLFLP RNQIGFVPEKT FSSLKNLGELDLSSNTITELSPHLFKDLKLLQKLNLSNPLMYLHKN QFESLKQLQSLDL ERIEIPNINTRMFQPMKNLSHIYFKNFRYCSYAPHVRICMPLTDG ISSFEDLLANNILRI FVWVIAFITCFGNLFVIGMRSFIKAENTTHAMSIKILCCADCLMG VYLFFVGIFDIKYRG QYQKYALLWMESVQCRLMGFLAMLSTEVSVLLLTLYLTLEKFL VIVFPFSNIRPGKRQTSV ILICIWMAGFLIAVIPFWNKDYFGNFYGKNGVCFPPLYDQ TEDIGSKGYSLGIFLGVNLL AFLIIVFSYITMFCSIQKTALQTTEVRNCFGREVAVANR FFFIVFSDAICWIPVFVVKIL SLFRVEIPDTMTSWIVIFFLPVNSALNPILYTLTTNFFKD

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KLKQLLHKHQKRSIFKIKKK SLSTSIVWIEDSSSLKLGVLNKITLGDSIMKPVS

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 RXFP2

Synonyms RXFP2; GPR106; GREAT; LGR8; Relaxin receptor 2; G-protein coupled receptor 106; G-protein coupled receptor affecting testicular descent; Leucine-rich repeat-containing G-protein coupled receptor 8; Relaxin family peptide receptor 2

UniProt ID [Q8WXD0](#)

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