

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

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

## SPECIFICATION

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

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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](https://www.uniprot.org/entry/Q8WXD0)

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