

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

**Cat. No.** RFL15168MF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Mouse Relaxin receptor 2(Rxrp2) Protein (Q91ZZ5) (1-737aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Mus musculus

### Source

E.coli

### ProteinLength

Full Length (1-737)

### Form

Lyophilized powder

### AA Sequence

MWLLLVILLTEVKDFALADSSMVAPLCPKGYFPCGNLTKCLPRAFHCDCGVDDCGN  
GADE DNCGDTSGWTTIFGTVHG NVNKVTLTQECFLSQYPQH CYCRENELECVKAD  
LKAVPKVSS NVTLLSLKKNKIHR LPVKVFSRYTEL RKIYLQHNCITHISRR AFLGLHNL  
QILYLSHNCI TSLRPGIFKDLHQLAWLILDDNPITRISQKSF MGLNSLFFLSMVGNRLE  
ALPETLCAQMP QLNWVDLANNGIKYITNSTFLTCD SLTVLFLPRNQIGFVPEKTFSSL  
KNLGELDLSSNMI TKLPVHLFSDLHLLQKLNLSNPLLYVHKNQFGSLKQLQSLDLE  
RIEIPNISTGMFQPMK NLSHIYLKTFRYCSYVPHVRICMPSTDGISSSEDLLANGILRV  
SVWVIAFITCVGNFLVI AVRSLIKAENTTHAMSIKILCCADCLMGVYLFSVGVFDIKYR  
GQYQKYALLWMESVPCRL LGFLATLSTEVSVLLL TFLTLEKFLVIVFPFNLRLGKRQ  
TAVALASIWVVGFLIAAVPF TREDYFGNFYGKNGVCFPLHYDQAEDFGSRGYSLGIF  
LGVNLLAFLVIVISYVTMFCSIH KTALQTAEVRS HIGKEVAVANRFF FIVFSDAICWIPV  
FVVKILSLLQVEIPGTITSWIVV FFLPVNSALNPILYTLTTSFFKDKLQLLHKHRRKPIF

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KVKKKLSASIVWTDESSLKLG VLSKIALGDSIMKPVSP

**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** [Q91ZZ5](https://www.uniprot.org/entry/Q91ZZ5)

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