

Product Information

MemDX™ Membrane Protein Human RXFP2 (Relaxin family peptide receptor 2) Full Length

Cat. No.: **MPC0235K**

This product is for research use only and is not intended for diagnostic use.

This product is a 86.4 kDa Human RXFP2 membrane protein expressed in Baculovirus/Insect expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

RXFP2

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

86.4 kDa

TMD

7

Sequence

MIVFLVFKHLFSLRLITMFFLLHFIVLINVKDFALTQGSMITPSCQKGYF
PCGNLTCKLPRAFHCDCGKDDCGNGADEENCAGDTSGWATIFGTVHGNANSV
ALTQECFLKQYPQCCDCKETELCVNGDLKSVPMISNNVTLLSLKKNKIH
SLPDKVFIKYTKLKKIFLQHNCIRHISRKAFFGLCNLQILYNHNCITTL
RPGIFKDLHQLTWLILDDNPITRISQRLFTGLNSLFFLSMVNNYLEALPK
QMCAQMPQLNWVDLEGNRIKYLTNSTFLSCDSLTVLFLPRNQIGFVPEKT
FSSLKNLGELDLSSNTITELSPHLFKDLKLLQKLNLSNPLMYLHKNQFE
SLKQLQSLDLERIEIPNINTRMFQPMKNLSHIYFKNFRYCSYAPHVRICM
PLTDGISSFEDLLANNILRIFVWVIAFITCFGNLFVIGMRSFIKAENTTH
AMSIKILCCADCLMGVYLFFVGIFDIKYRGQYQKYALLWMESVQCRLMGF
LAMLSTEVSVLLLTYLLEKFLVIVFPFSNIRPGKRQTSVILICIWMAGF
LIAVIPFWNKDYFGNFYGKNGVCFLYDQTEDIGSKGYSLGIFLGVNLL
AFLIIVFSYITMFCSIQKTALQTTEVRNCFGREVAVANRFFIFVSDAIC
WIPVFVVKILSLFRVEIPDTMTSWIVIFFLPVNSALNPILYTLTTNFFKD
KLKQLLHKHQKRSIFKIKKKSLSTSIVWIEDSSSLKLGVLNKITLGDSIM
KPVS

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

RXFP2

Full Name

Relaxin family peptide receptor 2

Introduction

This gene encodes a member of the GPCR (G protein-coupled, 7-transmembrane receptor) family. Mutations in this gene are associated with cryptorchidism. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alternative Names

relaxin receptor 2; LGR8; GREAT; GPR106; INSL3R; LGR8.1; RXFPR2; G protein coupled receptor affecting testicular descent; G-protein coupled receptor 106; leucine-rich repeat-containing G-protein coupled receptor 8; relaxin/insulin like family peptide receptor 2; RXFP2; Relaxin family peptide receptor 2

Gene ID

[122042](#)

UniProt ID

[Q8WXD0](#)