

Datasheet for ABIN7564144
RXFP1 Protein (AA 1-758) (His tag)



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Overview

Quantity:	1 mg
Target:	RXFP1
Protein Characteristics:	AA 1-758
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RXFP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rxfp1 Protein expressed in mammalian cells.
Sequence:	MTSGPFFFCI FIIGKYFTLG SAQDVSCPLG SFPCGNMSRC LPQLLHCNGV DDCGNRADED HCGDNNGWSL QLDKYFANY Y KLASTNSFEA ETSECLVGSV PMHCLCRDLE LDCDEANLRA VPSVSSNVTV MSLQRNFIRT LPPNGFRKYH ELQKLCQNN RIHSVSVSAF RGLRSLTKLY LSHNRITFLK PGVFEDLHRL EWLIIEDNHL SRISPLTFYG LNSLILLVLM NNALTRL PDK PLCQHMPRLH WLD FEGNRIH NLRNLTFISC NNLTVLV MRK NKINYLNEHA FTHLQK LDEL DLGSNKIENL PPNIFKDLKE LSQLNISYNP IQKIEVNQFD CLAKLKSLSL EGIEISNIQQ RMFRPLINLS HIYFKKFQYC GYAPHVRSCK PNTDGISSLE NLLASIIQ RV FVWVVS AITC FGNIFVICMR PYIRSENKLH AMSIISLCCA DCLMGVYLFV IGAFDLKFRG EYNKHAQPWM ESVHCQFMGS LAILSTEVSV LLLFTLTLEK YICIVYPFRC LRPRKCRIT VLIFIWIIGF IVAFAPLGNK EFFKNYYGTN GVCFPLHSED TGSTGAQIYS VVIFLGINLV AFIIIVFSYG SMFYSVHQSS VTVTEIQKQV KKEVVLAKRF FFIVFDALC WIPILKFL SLLQVEIPDS ITSWVVIFIL PINSALNPII YTLTTRPFKE MIHQLWHNYR QRRSVDRKET QKAYAPSIW VEMWPLQEMS SGFMKPGAFT DPCDLSLVSQ

Product Details

SSRLNSYS **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: RXFP1

Alternative Name: Rxfp1 ([RXFP1 Products](#))

Background: Relaxin receptor 1 (Leucine-rich repeat-containing G-protein coupled receptor 7) (Relaxin family peptide receptor 1),FUNCTION: Receptor for relaxins. The activity of this receptor is mediated by G proteins leading to stimulation of adenylate cyclase and an increase of cAMP. Binding of the ligand may also activate a tyrosine kinase pathway that inhibits the activity of a phosphodiesterase that degrades cAMP. {ECO:0000269|PubMed:15566402}.

Molecular Weight: 87.0 kDa

UniProt: [Q6R6I7](#)

Target Details

Pathways: [Myometrial Relaxation and Contraction](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months