

Datasheet for ABIN7560168
RXFP2 Protein (AA 1-737) (His tag)



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Overview

Quantity:	1 mg
Target:	RXFP2
Protein Characteristics:	AA 1-737
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RXFP2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Rxfp2 Protein expressed in mammalien cells.
Sequence:	<p>MWLLLVILL TEVKDFALAD SSMVAPLCPK GYFPCGNLTK CLPRAFHCDG VDDCGNGADE</p> <p>DNCGDTSGWT TIFGTVHGNV NKVTLTQECF LSQYPQHCYC RENELECVKA DLKAVPKVSS</p> <p>NVTLLSLKKN KIHRLPVKVF SRYTELRIY LQHNCITHIS RRAFLGLHNL QILYLSHNCI</p> <p>TSLRPGIFKD LHQLAWLILD DNPITRISQK SFMGLNSLFF LSMVGNRLEA LPETLCAQMP</p> <p>QLNWVDLANN GIKYITNSTF LTCDSLTVLF LPRNQIGFVP EKTFFSLKNL GELDLSSNMI</p> <p>TKLPVHLFSD LHLLQKLNLS SNPLLYVHKN QFGSLKQLQS LDLERIEIPN ISTGMFQPMK</p> <p>NLSHIYKTF RYCSYVPHVR ICMPSTDGIS SSEDLLANGI LRVSVWVIAF ITCVGNFLVI</p> <p>AVRSLIKAEN TTHAMSIKIL CCADCLMGVY LFSVGVDIK YRGQYQKYAL LWMESVPCRL</p> <p>LGFLATLSTE VSVLLLTFLT LEKFLVIVFP FSNLRLGKRQ TAVALASIWV VGFLIAAVPF</p> <p>TREDYFGNFY GKNQVCPLH YDQAEDFGSR GYSLGIFLGV NLLAFLVIVI SYVTMFCSIH</p> <p>KTALQTAEVR SHIGKEVAVA NRFFFIVFSD AICWIPVFVW KILSLLQVEI PGTITSWIVV</p>

FFLPVNSALN PilyTLTTSF FKDKLKQLLH KHRRKPIFKV KKKSLSASIV WTDESSLKLG
VLSKIALGDS IMKPVSP **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.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	RXFP2
Alternative Name:	Rxfp2 (RXFP2 Products)
Background:	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),FUNCTION: Receptor for relaxin. The activity of this receptor is mediated by G proteins leading to stimulation of adenylate cyclase and an increase of cAMP. May also be a receptor for Leydig insulin-like peptide (INSL3) (By similarity). {ECO:0000250}.
Molecular Weight:	82.9 kDa
UniProt:	Q91ZZ5
Pathways:	cAMP Metabolic Process , Myometrial Relaxation and Contraction

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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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