

Datasheet for ABIN7551437

## Relaxin 3 Receptor 1 Protein (RXFP3) (AA 1-469) (His tag)



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### Overview

Quantity:	1 mg
Target:	Relaxin 3 Receptor 1 (RXFP3)
Protein Characteristics:	AA 1-469
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Relaxin 3 Receptor 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat RXFP3 Protein expressed in mammalian cells.
Sequence:	<p>MQMADAATIA TMNKAAGGDK LAELFSLVPD LLEAANTSGN ASLQLPDLWW ELGLELPDGA  PPGHPPGSGG AESADTEARV RILISVVYVW VCALGLAGNL LVLYLMKSMQ GWRKSSINLF  VTNLALTDFQ FVLTLPFWAV ENALDFKWPF GKAMCKIVSM VTSNMNYASV FFLTAMSVTR  YHSVASALKS HRTRGHGRGD CCGRSLGDSC CFSAKALCVW IWALAALASL PSAIFSTTVK  VMGEELCLVR FPDKLLGRDR QFWLGLYHSQ KVLLGFVLPL GIILCYLLL VRFIADRRAA  GTKGGAAGVAG GRPTGASARR LSKVTKSVTI VVLSFFLCWL PNQALTTWSI LIKFNAVDFS  QEYFLCQVYA FPPSVCLAHS NSCLNPVLYC LVRREFRKAL KSLLWRIASP SITSMRPFTA  TTKPEHEDQG LQAPAPPHAA AEPDLLYYPP GVVVYSGGRY DLLPSSSAY <b>Sequence without tag.</b></p> <p><b>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.</b></p>

## Product Details

Characteristics:	<div><div>Key Benefits:</div><ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul><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></div>
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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:	Relaxin 3 Receptor 1 (RXFP3)
Alternative Name:	RXFP3 ( <a href="#">RXFP3 Products</a> )
Background:	Relaxin-3 receptor 1 (RLN3 receptor 1) (G protein-coupled receptor SALPR) (G-protein coupled receptor GPCR135) (Relaxin family peptide receptor 3) (Somatostatin- and angiotensin-like peptide receptor),FUNCTION: Receptor for RNL3/relaxin-3. Binding of the ligand inhibit cAMP accumulation. {ECO:0000269 PubMed:14522968}.
Molecular Weight:	51.1 kDa
UniProt:	<a href="#">Q9NSD7</a>

## 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.
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