Datasheet for ABIN7547780

FPR2 Protein (AA 1-351) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	FPR2
Protein Characteristics:	AA 1-351
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FPR2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat FPR2 Protein expressed in mammalien cells.
Sequence:	METNFSTPLN EYEEVSYESA GYTVLRILPL VVLGVTFVLG VLGNGLVIWV AGFRMTRTVT TICYLNLALA DFSFTATLPF LIVSMAMGEK WPFGWFLCKL IHIVVDINLF GSVFLIGFIA LDRCICVLHP VWAQNHRTVS LAMKVIVGPW ILALVLTLPV FLFLTTVTIP NGDTYCTFNF ASWGGTPEER LKVAITMLTA RGIIRFVIGF SLPMSIVAIC YGLIAAKIHK KGMIKSSRPL RVLTAVVASF FICWFPFQLV ALLGTVWLKE MLFYGKYKII DILVNPTSSL AFFNSCLNPM LYVFVGQDFR ERLIHSLPTS LERALSEDSA PTNDTAANSA SPPAETELQA M **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:	Key Benefits:

Product Details

	• Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien 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, Western Blot
Grade:	custom-made

Target Details

Target:	FPR2
Alternative Name:	FPR2 (FPR2 Products)
Background:	N-formyl peptide receptor 2 (FMLP-related receptor I) (FMLP-R-I) (Formyl peptide receptor-like 1) (HM63) (Lipoxin A4 receptor) (LXA4 receptor) (RFP),FUNCTION: Low affinity receptor for N-formyl-methionyl peptides, which are powerful neutrophil chemotactic factors (PubMed:1374236). Binding of FMLP to the receptor causes activation of neutrophils (PubMed:1374236). This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system (PubMed:1374236). The activation of LXA4R could result in an anti-inflammatory outcome counteracting the actions of pro-inflammatory signals such as LTB4 (leukotriene B4) (PubMed:9547339). Receptor for the chemokine-like protein FAM19A5, mediating FAM19A5-stimulated macrophage chemotaxis and the inhibitory effect on TNFSF11/RANKL-induced osteoclast differentiation (By similarity). Acts as a receptor for humanin (PubMed:15465011). {ECO:0000250|UniProtKB:O88536, ECO:0000269|PubMed:1374236, ECO:0000269|PubMed:15465011, ECO:0000269|PubMed:9547339}.
Molecular Weight:	39.0 kDa

Target Details

UniProt:	P25090

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