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Datasheet for ABIN7562622
FPR2 Protein (AA 1-351) (His tag)

Overview

Quantity:	1 mg
Target:	FPR2
Protein Characteristics:	AA 1-351
Origin:	Mouse
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:	MESNYSIHLN GSEVVVYDST ISRVLWILSM VVVSITFFLG VLGNGLVIWV AGFRMPHTVT TIWYLN LALA DFSFTATLPF LLVEMAMKEK WPFGWFLCKL VHIVVDVNLF GSVFLIALIA LDRICVLHP VVAQNHRTVS LARKVVVGPW IFALILTLP I FIFLTTVRIP GGDVYCTFNF GSWAQTDEEK LNTAITFVTT RGIIRFLIGF SMPMSIVAVC YGLIAVKINR RNLVNSSRPL RVLTAVASF FICWFPFQLV ALLGTVWFKE TLLSGSYKIL DMFVNPTSSL AYFNSCLNPM LYVFMGQDFR ERFIHSLPYS LERALSEDSG QTSDSSTSST SPPADIELKA P 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 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, Western Blot

Grade: custom-made

Target Details

Target: FPR2

Alternative Name: Fpr2 ([FPR2 Products](#))

Background: Formyl peptide receptor 2 (Formylpeptide receptor-related sequence 2) (Lipoxin A4 receptor-like protein) (N-formylpeptide receptor-like 2),FUNCTION: High affinity receptor for N-formyl-methionyl peptides (FMLP), which are powerful neutrophil chemotactic factors (PubMed:12218158, PubMed:10477558, PubMed:19387439). Stimulates chemotaxis in immune cells to site of infection or tissue damage upon recognition of several ligands, such as FMLP, or ligand involved in cell damage, disease or inflammation (PubMed:10477558, PubMed:19497865). Receptor for the chemokine-like protein FAM19A5, mediating FAM19A5-stimulated macrophage chemotaxis and the inhibitory effect on TNFSF11/RANKL-induced osteoclast differentiation (PubMed:29138422). {ECO:0000269|PubMed:10477558, ECO:0000269|PubMed:12218158, ECO:0000269|PubMed:19387439, ECO:0000269|PubMed:19497865, ECO:0000269|PubMed:29138422}.

Molecular Weight: 39.4 kDa

UniProt: [O88536](#)

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
