

Datasheet for ABIN7552854
C3AR1 Protein (AA 1-482) (His tag)



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Overview

Quantity:	1 mg
Target:	C3AR1
Protein Characteristics:	AA 1-482
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C3AR1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant C3AR1 Protein expressed in mammalian cells.
Sequence:	<p>MASFSAETNS TDLLSQPWNE PPVILSMVIL SLTFLLGLPG NGLVLWVAGL KMQRTVNTIW FLHLTLADLL CCLSLPFLA HLALQGQWPY GRFLCKLIPS IIVLNMFASV FLLTAISLDR CLVVFKEIWC QNHRNVGMAC SICGCIWVVA FVMCIPVFVY REIFTTDNHN RCGYKFGGLSS SLDYPDFYGD PLENRSLENI VQPPGEMNDR LDPSSFQTNQ HPWTVPTVFQ PQTFQRPSAD SLPRGSARLT SQNLYSNVFK PADVVSPKIP SGFPIEDHET SPLDNDAFL STHLKLFPSA SSNSFYESEL PQGFQDYNYL GQFTDDQVQ TPLVAITITR LVVGFLLPSV IMIACYSFIV FRMQRGRFAK SQSKTFRVAV VVVAVFLVCW TPYHIFGVLS LLTDPETPLG KTLMSWDHVC IALASANSCF NPFLYALLGK DFRKKARQSI QGILEAAFSE ELTRSTHCPS NNVISERNST TV</p> <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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

C3AR1

Alternative Name:

C3AR1 ([C3AR1 Products](#))

Background:

C3a anaphylatoxin chemotactic receptor (C3AR) (C3a-R),FUNCTION: Receptor for the chemotactic and inflammatory peptide anaphylatoxin C3a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.

Molecular Weight:

53.9 kDa

UniProt:

[Q16581](#)

Pathways:

[Complement System](#)

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.

Application Details

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