

Datasheet for ABIN7562243  
**C3AR1 Protein (AA 1-477) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	C3AR1
Protein Characteristics:	AA 1-477
Origin:	Mouse
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:	MESFDADTNS TDLHSRPLFQ PQDIASMVIL GLTCLLGLLG NGLVLWVAGV KMKTTVNTVW FLHLTLADFL CCLSLPFLA HLILQGHWPY GLFLCKLIPS IIIILNMFASV FLLTAISLDR CLIVHKPIWC QNHRNVRTAF AICGCVWVVA FVMCVPVFVY RDLFIMDNRS ICRYNFDSSR SYDYWDYVYK LSLPESNSTD NSTAQLTGHM NDRSAPSSVQ ARDYFWTVTT ALQSQPFLTS PEDSFLDSA NQQPHYGGKP PNVLTAAVPS GFPVEDRKS N TLNADAFLSA HTELFPTASS GHLYPYDFQG DYVDQFTYDN HVPTPLMAIT ITRLVVGFLV PFFIMVICYS LIVFRMRKTN FTKSRNKTFR VAVAVTVFF ICWTPYHLVG VLLLITDPES SLGEAVMSWD HMSIALASAN SCFNPFLYAL LGKDFRKKAR QSIKGILEAA FSEELHSTN CTQDKASSKR NNMSTDV <b>Sequence without tag.</b> <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>
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) (Complement component 3a receptor 1),FUNCTION: Receptor for the chemotactic and inflammatory peptide anaphylatoxin C3a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.

### Molecular Weight:

53.6 kDa

### UniProt:

[O09047](#)

### 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