

Product Information

MemDX™ Membrane Protein Human C3AR1 (Complement C3a receptor 1) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3608K**

This product is for research use only and is not intended for diagnostic use.

This product is a Human C3AR1 membrane protein expressed *in vitro* *E.coli* expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

C3AR1

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MASFSAETNSTDLLSQPWNEPPVILSMVILSLTFLLGLPGNGLVLWVAGLKMQRTVNTIWFLHLTLADLLCCLSLPFSLAHLALQGQV

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

C3AR1

Full Name

Complement C3a receptor 1

Introduction

C3a is an anaphylatoxin released during activation of the complement system. The protein encoded by this gene is an orphan G protein-coupled receptor for C3a. Binding of C3a by the encoded receptor activates chemotaxis, granule enzyme release, superoxide anion production, and bacterial opsonization.

Alternative Names

C3AR1; AZ3B; C3AR; HNFAG09; C3a anaphylatoxin chemotactic receptor; complement component 3 receptor 1; complement component 3a receptor 1; Complement C3a receptor 1

Gene ID

[719](#)

UniProt ID

[Q16581](#)