

# Product Information

## MemDX™ Membrane Protein Human C3AR1 (Complement C3a receptor 1) without tag for Antibody Discovery

Cat. No.: **MP0142X**

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

This product is a 53.9 kDa Human C3AR1 membrane protein expressed in *in vitro* wheat germ 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

#### Molecular Weight

53.9 kDa

#### TMD

7

#### Sequence

MASFSAETNSTDLLSQPWNEPPVILSMVILSLTFLLGLPGNGLVLWVAGLKMQRVTNTIWFLHLTLADLLCCLSLPFSLAHLALQGQV

### Product Description

#### Application

Antibody Production

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

NO

#### Protein Format

Liposome

#### Form

Liquid

**Purification**

None

**Buffer**

25 mM Tris-HCl of pH8.0 containing 2% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**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**

AZ3B; C3AR; HNFAG09; complement component 3 receptor 1

**Gene ID**

[719](#)

**UniProt ID**

[Q16581](#)