

Product Information

MemDX™ Membrane Protein Rabbit C3 (Complement C3) for Antibody Discovery

Cat. No.: **MP1555J**

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

This product is Rabbit C3 membrane protein expressed in Yeast, *E.coli*, In Vivo Biotinylation, Baculovirus, or Mammalian cell. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Rabbit

Target Protein

C3

Protein Length

Partial

Protein Class

Drug Target

Product Description

Expression Systems

Yeast

E.coli

In Vivo Biotinylation in *E.coli*

Baculovirus

Mammalian cell

Tag

N-His or Tag-Free

Form

Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-58% of glycerol (final concentration).

Purity

>85% as determined by SDS-PAGE

Buffer

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

Storage

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

Target**Target Protein**

C3

Full Name

Complement C3

Introduction

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Alternative Names

complement component 3; C3; Complement C3 alpha chain

Gene ID

[100009121](#)

UniProt ID

[P12247](#)