

Product Information

MemDX™ Antibody Discovery - Human Fc gamma RIIA/CD32a (36-218(R167)) Membrane Protein, Partial, -Avi -His tag, [Biotin]

Cat. No.: **MP1413F**

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

This membrane protein is Human Fc gamma RIIA/CD32a (36-218(R167)). It has been tested in SDS-PAGE, SPR, BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

Fc gamma RIIA/CD32a

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 24.0 kDa. The protein migrates as 32-42 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Ala 36 - Ile 218 (Accession # P12318-1 (R167)).

Product Description

Activity

Yes

Application

SDS-PAGE, SPR, BLI

Expression Systems

HEK293

Tag

Avi tag at the C-terminus, followed by a His tag.

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>95% as determined by SDS-PAGE

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target

Target Protein

Fc gamma RIIA/CD32a

Full Name

Fc fragment of IgG receptor IIa

Introduction

This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants.

Alternative Names

CD32; FCG2; FcGR; CD32A; CDw32; FCGR2; IGFR2; FCGR2A1; low affinity immunoglobulin gamma Fc region receptor II-a; Fc fragment of IgG, low affinity IIa, receptor (CD32); Fc gamma receptor RIIa3; Immunoglobulin G Fc receptor II; fc-gamma-RIIa; fcRII-a; igG Fc receptor II-a

Gene ID

[2212](#)

UniProt ID

[P12318](#)