

Product Information

MemDX™ Antibody Discovery - Mouse Fc gamma RI/CD64 (25-297) Membrane Protein, Partial, -His tag

Cat. No.: **MP1404F**

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

This membrane protein is Mouse Fc gamma RI/CD64 (25-297). It has been tested in SDS-PAGE, SPR, ELISA, BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Mouse

Target Protein

Fc gamma RI/CD64

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 32.3 kDa. The protein migrates as 40-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Glu 25 - Pro 297 (Accession # P26151-1).

Product Description

Activity

Yes

Application

SDS-PAGE, SPR, ELISA, BLI

Expression Systems

HEK293

Tag

His Tag at the C-terminus

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 RI/CD64

Full Name

Fc receptor, IgG, high affinity I

Introduction

This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1.

Alternative Names

CD64; Fcgam; IGGHAFC; AI323638; AV092959; FcgammaRI; high affinity immunoglobulin gamma Fc receptor I; IgG high affinity Fc receptor; fc-gamma RI; fcRI; igG Fc receptor I

Gene ID

[14129](#)

UniProt ID

[P26151](#)