

Product Information

MemDX™ Membrane Protein Human FCER1A (Fc fragment of IgE receptor Ia) for Antibody

Discovery

Cat. No.: **MP0355X**

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

This product is a 54.1 kDa Human FCER1A 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

FCER1A

Protein Length

Full-length

Molecular Weight

54.1 kDa

TMD

1

Sequence

MAPAMESPTLLCVALLFFAPDGVLAVPQKPKVSLNPPWNRIFKGENVT LTCNGNNFFEVSSTKWFHNGSLSEETNSSLNIVNAKFE

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target**Target Protein**

FCER1A

Full Name

Fc fragment of IgE receptor Ia

Introduction

The immunoglobulin epsilon receptor (IgE receptor) is the initiator of the allergic response. When two or more high-affinity IgE receptors are brought together by allergen-bound IgE molecules, mediators such as histamine that are responsible for allergy symptoms are released. This receptor is comprised of an alpha subunit, a beta subunit, and two gamma subunits. The protein encoded by this gene represents the alpha subunit

Alternative Names

FCE1A; FcERI; Fc IgE receptor; alpha polypeptide; Fc epsilon RI alpha-chain; Fc-epsilon RI-alpha,high affinity immunoglobulin epsilon receptor alpha-subunit; immunoglobulin E receptor, high-affinity, of mast cells, alpha polypeptide

Gene ID

[2205](#)

UniProt ID

[P12319](#)