

Product Information

MemDX™ Membrane Protein Human FCER1A (Fc fragment of IgE receptor Ia) Expressed in Yeast with 6xHis tag at the N-terminus for Antibody Discovery, Partial (26-205aa)

Cat. No.: **MPX4325K**

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

This product is a 23.0kDa Human FCER1A membrane protein expressed in Yeast. 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

Partial (26-205aa)

Protein Class

Receptor

Molecular Weight

23.0kDa

TMD

1

Sequence

VPQKPKVSLNPPWNRIFKGENVTLCNGNFFFEVSSTKWFHNGSLSEETNSSLNIVNAKFEDSGEYKCQHQQVNESEPVYLEVFS

Product Description

Expression Systems

Yeast

Tag

6xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

FCER1A; FCE1A; FcERI; high affinity immunoglobulin epsilon receptor subunit alpha; Fc IgE receptor, alpha polypeptide; Fc epsilon RI alpha-chain; Fc epsilon receptor Ia; Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide; Fc-epsilon RI-alpha; high affinity immunoglobulin epsilon receptor alpha-subunit; IgE Fc receptor subunit alpha; immunoglobulin E receptor, high-affinity, of mast cells, alpha polypeptide; Fc fragment of IgE receptor Ia

Gene ID

[2205](#)

UniProt ID

[P12319](#)