

# Product Information

## MemDX™ Membrane Protein Human FCER1G (Fc fragment of IgE receptor Ig) for Antibody

### Discovery

Cat. No.: **MP0356X**

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

This product is a 36.1 kDa Human FCER1G 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

FCER1G

#### Protein Length

Full-length

#### Molecular Weight

36.1 kDa

#### TMD

1

#### Sequence

MIPAVVLLLLLLVEQAAALGEPQLCYILDAILFLYGIVLTLLYCRLKIQVRKAAITSYEKSDGVYTGLSTRNQETYETLKHEKPPQ

### 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**

FCER1G

**Full Name**

Fc fragment of IgE receptor Ig

**Introduction**

The high affinity IgE receptor is a key molecule involved in allergic reactions. It is a tetramer composed of 1 alpha, 1 beta, and 2 gamma chains. The gamma chains are also subunits of other Fc receptors

**Alternative Names**

FCRG; Fc fragment of IgE, high affinity I, receptor for, gamma polypeptide; OTTHUMP00000032239; OTTHUMP00000063478; immunoglobulin E receptor, high affinity, gamma chain

**Gene ID**

[2207](#)

**UniProt ID**

[P30273](#)