

Product Information

MemDX™ Membrane Protein Human FCER2 (Fc fragment of IgE receptor II) Expressed in NS0 for Antibody Discovery, Partial (48-321aa)

Cat. No.: **MPX0304K**

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

This product is a 32 kDa Human FCER2 membrane protein expressed in NS0. 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

FCER2

Protein Length

Partial (48-321aa)

Protein Class

Receptor

Molecular Weight

32 kDa

TMD

1

Sequence

DTT
QSLKQLEERAARNVSQVSKNLESHHGDQMAQKSQSTQISQEELEELRAEQQ
RLKSQDLELSWNLNGLQADLSSFKSQELNERNEASDLLERLREEVTKLRM
ELQVSSGFVCNTCPEKWINFQRKCYFYGKGTKQWVHARYACDDMEGQLVS
IHSPEEQDFLTKHASHTGSWIGLRNLDLKGEFIWVDGSHVDYSNWAPGEP
TSRSQGEDCVMMRGSGRWNDADFCDRLGAWVCDRLATCTPPASEGSAESM
GPDSRPDPDGRLP TPSAPLHS

Product Description

Expression Systems

NS0

Tag

9xHis tag at the N-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>90%, by SDS-PAGE under reducing conditions and visualized by silver stain

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

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**

FCER2

Full Name

Fc fragment of IgE receptor II

Introduction

The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Alternative Names

FCER2; CD23; FCE2; CD23A; IGEBF; CLEC4J; BLAST-2; low affinity immunoglobulin epsilon Fc receptor; C-type lectin domain family 4, member J; CD23 antigen; Fc epsilon receptor II; Fc fragment of IgE, low affinity II, receptor for (CD23); fc-epsilon-RII; immunoglobulin E-binding factor; immunoglobulin epsilon-chain; lymphocyte IgE receptor; Fc fragment of IgE receptor II

Gene ID

[2208](#)

UniProt ID

[P06734](#)