

## Product Information

### MemDX™ Membrane Protein Human FCER2 (Fc fragment of IgE receptor II) Full Length

Cat. No.: **MPC2073K**

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

This product is a 36.4 kDa Human FCER2 membrane protein expressed in HEK293. 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

Full length

##### Protein Class

Receptor

##### Molecular Weight

36.4 kDa

##### TMD

1

##### Sequence

MEEGQYSEIEELPRRRCCRRGTQIVLLGLVTAALWAGLLTLLLLWHWDTT  
QSLKQLEERAARNVSQVSKNLESHHGDQMAQKSQSTQISQELEELRAEQQ  
RLKSQDLELSWNLNGLQADLSSFKSQELNERNEASDLLERLREEVTKLRM  
ELQVSSGFVCNTCPEKWINFQRKCYFYGKGTKQWVHARYACDDMEGQLVS  
IHSPEEQDFLTKHASHTGSWIGLRNLDLKGEFIWVDGSHVDYSNWAPGEP  
TSRSQGEDCVMMRGSGRWNDACDRKLGAWVCDRLATCTPPASEGSAESM  
GPDSRPDPDGRLP TPSAPLHS

#### Product Description

##### Expression Systems

HEK293

##### Tag

Based on specific requirements

##### Protein Format

Detergent or based on specific requirements

**Form**

Liquid

**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](#)