

## Product Information

### **MemDX™ Membrane Protein Human FCGR2B (Fc fragment of IgG receptor IIb) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein**

Cat. No.: **MPX3787K**

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

This product is a Human FCGR2B membrane protein expressed *in vitro* E.coli 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

FCGR2B

##### Protein Length

Full Length of Mature Protein

##### Protein Class

Receptor

##### TMD

1

##### Sequence

TPAAPPKAVLKLEPQWINVLQEDSVTLTCRGTHSPESDSIQWFHNGNLIPHTHTQPSYRFKANNNDSGEYTCQTGQTSLSDPVHLTV

#### Product Description

##### Expression Systems

*in vitro* E.coli expression system

##### Tag

10xHis tag at the N-terminus

##### Protein Format

Soluble

##### Form

Liquid or Lyophilized powder

##### Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

### 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

FCGR2B

#### Full Name

Fc fragment of IgG receptor IIb

#### Introduction

The protein encoded by this gene is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. The encoded protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in this gene may increase susceptibility to systemic lupus erythematosus (SLE). Several transcript variants encoding different isoforms have been found for this gene.

#### Alternative Names

FCGR2B; CD32; FCG2; CD32B; FCGR2; IGFR2; FCGR2C; FcRII-c; low affinity immunoglobulin gamma Fc region receptor II-b; CDw32; Fc fragment of IgG, low affinity II, receptor for (CD32); Fc fragment of IgG, low affinity IIb, receptor (CD32); Fc fragment of IgG, low affinity IIb, receptor for (CD32); Fc gamma RIIb; Fc gamma receptor IIb; Fc-gamma RII-c; Fc-gamma-RIIc; IgG Fc receptor II-c; Low affinity immunoglobulin gamma Fc region receptor II-c; fc-gamma RII-b; fc-gamma-RIIb; fcRII-b; igG Fc receptor II-b; Fc fragment of IgG receptor IIb

#### Gene ID

[2213](#)

#### UniProt ID

[P31994](#)