

# Product Information

## MemDX™ Membrane Protein Human FCGR2B (Fc fragment of IgG receptor IIb) Full Length

Cat. No.: **MPC1686K**

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

This product is a 34 kDa Human FCGR2B 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

FCGR2B

#### Protein Length

Full length

#### Protein Class

Receptor

#### Molecular Weight

34 kDa

#### TMD

1

#### Sequence

MGILSFLPVLATESDWADCKSPQPWGHMLLWTAVLFLAPVAGTPAAPPKA  
VLKLEPQWINVLQEDSVTLTCRGTHSPESDSIQWFHNGNLIPTHTQPSYR  
FKANNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLQTPHLEFQEGETIVL  
RCHSWKDKPLVKVTFQNGKSKKFSRSDPNFSIPQANHSHSGDYHCTGNI  
GYTLYSSKPVTITVQAPSSSPMGIIVAVVTGIAVAIVAIVVALIYCRKK  
RISALPGYPECREMGETLPEKPANPTNPDEADKVGAEINTITYSLLMHPDA  
LEEPDDQNR

### 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**

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](#)