

Product Information

MemDX™ Membrane Protein Human FCGR2B (Fc fragment of IgG receptor IIb) Expressed in NS0 for Antibody Discovery, Partial (46-217aa)

Cat. No.: **MPX0206K**

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

This product is a 21 kDa Human FCGR2B 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

FCGR2B

Protein Length

Partial (46-217aa)

Protein Class

Receptor

Molecular Weight

21 kDa

TMD

1

Sequence

APPKA
VLKLEPQWINVLQEDSVTLTCRGTHSPESDSIQWFHNGNLIPHTHTQPSYR
FKANNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLQTPHLEFQEGETIVL
RCHSWKDKPLVKVTFQNGKSKKFSRSDPNFSIPQANHSHSGDYHCTGNI
GYTLYSSKPVTITVQAP

Product Description

Expression Systems

NS0

Tag

10xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<1.0 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

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

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](#)