

Product Information

MemDX™ Membrane Protein Human FCGR2B (Fc fragment of IgG receptor lib, transcript variant 2) for Antibody Discovery

Cat. No.: **MP1115J**

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

This product is a 31.7 kDa Human FCGR2B membrane protein expressed in HEK293T. 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

ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

31.7 kDa

TMD

1

Sequence

MGILSFLPVLATESDWADCKSPQPWGHMLLWTAVLFLAPVAGTPAPPKAVLKLEPQWINVLQEDSVTLTC
RGTHSPESDSIQWFHNGNLIPHTHTQPSYRFKANNNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLQTPHLE
FQEGETIVLRCHSWKDKPLVKVTFQNGKSKKFSRSDPNFSIPQANHSHSGDYHCTGNIGYTLYSSKPV
ITVQAPSSSPMGIIVAVVTGIAVAAIVAVALIYCRKKRISANPTNPDEADKVGAEENTITYSLLMHPDA
LEEPDDQNR

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

FCGR2B

Full Name

Fc fragment of IgG receptor lib

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

CD32; CD32B; FCG2; FCGR2; FCGR2C; FcRII-c; IGFR2

Gene ID

[2213](#)

UniProt ID

[P31994](#)