

Product Information

MemDX™ Membrane Protein Human FCGRT (Fc fragment of IgG receptor and transporter)

Cat. No.: **MP0093J**

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

This product is a 39.6 kDa Human FCGRT 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

FCGRT

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

39.6 kDa

TMD

1

Sequence

MGVPRPQPWALGLLLFLPGSLGAESHLSELLYHLTAVSSPAPGTPAFWVSGWLGPQQYLSYNSLRGEAEP
CGAWVWENQVSWYWEKETDRLRIKEKLFLEAFKALGGKGPYTLQGLLGCELGPDNTSVPTAKFALNGEEF
MNFDLKQGTWGGDWPEALAIQRWQQQDKAANKELTLLFSCPHRLREHLERGRGNLEWKEPPSMRLKAR
PSSPGFSVLTCSAFSFYPPPELQLRFLRNLAAAGTGQGDGFGPNSDGSFHASSSLTVKSGDEHHYCCIVQHA
GLAQPLRVELESPAKSSVLVVGIVIGVLLLTAAGVGGALLWRRMRSGLPAPWISLRGDDTGVLPTPGEA
QDADLKDVNVIPATA

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**

FCGRT

Full Name

Fc fragment of IgG receptor and transporter

Introduction

This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. The encoded protein transfers immunoglobulin G antibodies from mother to fetus across the placenta. This protein also binds immunoglobulin G to protect the antibody from degradation. Alternative splicing results in multiple transcript variants.

Alternative Names

alpha-chain; FCRN

Gene ID

[2217](#)

UniProt ID

[P55899](#)