

Product Information

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

Full Length

Cat. No.: **MPC0998K**

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

This product is a 39.7 kDa Human FCGRT 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

FCGRT

Protein Length

Full length

Protein Class

Receptor

Molecular Weight

39.7 kDa

TMD

1

Sequence

MGVPRPQPWALGLLLFLPGSLGAESHLSELLYHLTAVSSPAPGTPAFWVS
GWLGPQQYLSYNLRGEAEP CGAWVWENQVSWYWEKETDRLRIKEKLFLE
AFKALGGKGPYTLQGLLGCELGPDNTSVPTAKFALNGEEFMNFDLKQGTW
GGDWPEALAISQRWQQQDKAANKELTFLLFSCPHRLREHLERGRGNLEWK
EPPSMRLKARPSSPGFSVLTCSAFSFYPPELQLRFLRNGLAAGTGQGDFG
PNSDGSFHASSSLTVKSGDEHHYCCIVQHAGLAQPLRVELESPAKSSVLV
VGIVIGVLLLTAAAVGGALLWRRMRSGLPAPWISLRGDDTGVLPTPGEA
QDADLKDVNVIPATA

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

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

FCGRT; FCRN; alpha-chain; IgG receptor FcRn large subunit p51; Fc fragment of IgG, receptor, transporter, alpha; FcRn alpha chain; IgG Fc fragment receptor transporter alpha chain; heavy chain of the major histocompatibility complex class I-like Fc receptor; immunoglobulin receptor, intestinal, heavy chain; major histocompatibility complex class I-like Fc receptor; neonatal Fc receptor; neonatal Fc-receptor for Ig; transmembrane alpha chain of the neonatal receptor; Fc fragment of IgG receptor and transporter

Gene ID

[2217](#)

UniProt ID

[P55899](#)