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Product Information

MemDX™ Membrane Protein Human FCRL1 (Fc receptor like 1) Expressed in NS0 for Antibody Discovery, Partial (17-303aa)

Cat. No.: **MPX0418K**
This product is for research use only and is not intended for diagnostic use.

This product is a 32 kDa Human FCRL1 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
FCRL1

Protein Length
Partial (17-303aa)

Protein Class
Receptor

Molecular Weight
32 kDa

TMD
1

Sequence
AELFLIASPSHPTEGSPVTLTCKMPFLQSSDAQF
QFCFFRDTRALGPGWSSSPKLQIAAMWKEDTGSYWCEAQTMASKVLRSRR
SQINVHRVPVADVSLETQPPGGQVMEGDRLVLICSVAMGTGDITFLWYKG
AVGLNLQSKTQRSLTAEYEIPSVRESDAEQYYCVAENGYGPSPSGLVSIT
VRIPVSRPILMLRAPRAQAAVEDVLELHCEALRGSPPILYWFYHEDITLG
SRSAPSGGGASFNLSLTEEHSGNYSCEANNGLGAQRSEAVTLNFTVPTGA
RSN

Product Description

Activity
Yes

Expression Systems
NS0

Tag

6xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 μg/mL in PBS.

Endotoxin

<0.10 EU per 1 μg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE under reducing conditions and visualized by silver stain

Buffer

Lyophilized from a 0.2 μm filtered solution in PBS and EDTA.

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

FCRL1

Full Name

Fc receptor like 1

Introduction

This gene encodes a member of the immunoglobulin receptor superfamily and is one of several Fc receptor-like glycoproteins clustered on the long arm of chromosome 1. The encoded protein contains three extracellular C2-like immunoglobulin domains, a transmembrane domain and a cytoplasmic domain with two immunoreceptor-tyrosine activation motifs. This protein may play a role in the regulation of cancer cell growth. Alternative splicing results in multiple transcript variants.

Alternative Names

FCRL1; FCRH1; IFGP1; IRTA5; CD307a; Fc receptor-like protein 1; IFGP family protein 1; fc receptor homolog 1; fcR-like protein 1; hIFGP1; immune receptor translocation-associated protein 5; immunoglobulin superfamily Fc receptor, gp42; Fc receptor like 1

Gene ID

115350

UniProt ID

Q96LA6