

Product Information

MemDX™ Membrane Protein Human FCRL3 (Fc receptor like 3) Expressed in NS0 for Antibody Discovery, Partial (14-569aa)

Cat. No.: **MPX0556K**

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

This product is a 62.2 kDa Human FCRL3 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

FCRL3

Protein Length

Partial (14-569aa)

Protein Class

Receptor

Molecular Weight

62.2 kDa

TMD

1

Sequence

REQSGVAPKAVLLLNPWSTAFKGEKVALICSSISHSLAQGDTYWYH
DEKLLKIKHDKIQITEPGNYQCKTRGSSLSDAVHVEFSPDWLILQALHPVFEGDNVILRC
QGKDNKNTHQKVYYKDGKQLPNSYNLEKITVNSVSRDNSKYHCTAYRKFYILDIEVTSKP
LNIQVQELFLHPVLRASSSTPIEGSPMTLTTCETQLSPQRPDVQLQFSLFRDSQTLGLGWS
RSPRLQIPAMWTEDSGSYWCEVETVTHSIKKRSLRSQIRVQRPVPSNVNLEIRPTGGQLI
EGENMVLICSAQGS GTVTF SWHKEGRV RSLGRKTQRSL LAELHVLTVKESDAGRY YCAA
DNVHSPILSTWIRVTVRIPVSHPVLTFRAPRAHTVVGDLLELHCESLRGSPPIRYR FYHE
DVTLGNSSAPSGGGASFNL SLTAEHSGNYSCDADNGLGAQHSHGVSLRVTPVSRPVLT L
RAPGAQAVVGDLLELHCESLRGSFPILYWFYHEDDTLGNISAHSGGGASFNL SLTTEHSG
NYSCEADNGLGAQHSKVVT LNVGTGTSRNR

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 sterile 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.

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

FCRL3

Full Name

Fc receptor like 3

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 immunoreceptor-tyrosine activation motifs and immunoreceptor-tyrosine inhibitory motifs in its cytoplasmic domain and may play a role in regulation of the immune system. Mutations in this gene have been associated with rheumatoid arthritis, autoimmune thyroid disease, and systemic lupus erythematosus. Alternative splicing results in multiple transcript variants.

Alternative Names

FCRL3; FCRH3; IFGP3; IRTA3; SPAP2; CD307c; Fc receptor-like protein 3; Fc receptor homolog 3; IFGP family protein 3; SH2 domain-containing phosphatase anchor protein 2; fcR-like protein 3; hIFGP3; immune receptor translocation-associated protein 3; immunoglobulin superfamily receptor translocation associated protein 3; Fc receptor like 3

Gene ID

[115352](#)

UniProt ID

[Q96P31](#)