

Product Information

MemDX™ Membrane Protein Human FLT3LG (Fms related receptor tyrosine kinase 3 ligand)

Expressed in *E.coli* for Antibody Discovery, Partial (27-181aa)

Cat. No.: **MPX0722K**

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

This product is a 18 kDa Human FLT3LG membrane protein expressed in *E.coli*. 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

FLT3LG

Protein Length

Partial (27-181aa)

Protein Class

Receptor

Molecular Weight

18 kDa

TMD

1

Sequence

TQDCSFQHSPISSDFAVKIRELSD
YLLQDYPVTVASNLQDEELCGGLWRLVLAQRWMERLKTIVAGSKMQGLLER
VNTEIHFTVKCAFQPPPSCLRQVQTNISRLQETSEQLVALKPWITRQNF
SRCLELQCQPDSSSTLPPPWSRPLEATAPTA

Product Description

Activity

Yes

Expression Systems

E.coli

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100-500 µg/mL in PBS.

Endotoxin

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

Purity

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

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**

FLT3LG

Full Name

Fms related receptor tyrosine kinase 3 ligand

Introduction

Dendritic cells (DCs) provide the key link between innate and adaptive immunity by recognizing pathogens and priming pathogen-specific immune responses. FLT3LG controls the development of DCs and is particularly important for plasmacytoid DCs and CD8 (see MIM 186910)-positive classical DCs and their CD103 (ITGAE; MIM 604682)-positive tissue counterparts.

Alternative Names

FLT3LG; FL; FLG3L; FLT3L; fms-related tyrosine kinase 3 ligand; flt3 ligand; Fms related receptor tyrosine kinase 3 ligand

Gene ID

[2323](#)

UniProt ID

[P49771](#)