

Product Information

MemDX™ Antibody Discovery - Human Flt3 ligand (27-185) Membrane Protein, Partial, -His tag (Baculovirus-Insect cells)

Cat. No.: **MP0078F**

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

This membrane protein is Human Flt3 ligand (27-185). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

Flt3 ligand

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 19.9 kDa. The protein migrates as 22-28 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Thr 27 - Pro 185 (Accession # P49771-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA

Expression Systems

Baculovirus-Insect cells

Tag

His tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>90% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target

Target Protein

Flt3 ligand

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

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

Gene ID

[2323](#)

UniProt ID

[P49771](#)