

## Product Information

### MemDX™ Antibody Discovery - Mouse Flt3 ligand (27-188) Membrane Protein, Partial, -His tag

Cat. No.: **MP0077F**

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

This membrane protein is Mouse Flt3 ligand (27-188). 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

Mouse

##### Target Protein

Flt3 ligand

##### Protein Length

ECD

##### Molecular Weight

The protein has a calculated MW of 20.2 kDa. The protein migrates as 25-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

##### Sequence

AA Gly 27 - Arg 188 (Accession # P49772-1).

#### Product Description

##### Activity

Yes

##### Application

SDS-PAGE, ELISA

##### Expression Systems

HEK293

##### 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-like 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**

Ly72L; Flt3lg; fms-related tyrosine kinase 3 ligand; flt3 ligand

### **Gene ID**

[14256](#)

### **UniProt ID**

[P49772](#)