

Product Information

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

Expressed *in vitro* E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX3741K**

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

This product is a Human FLT3LG membrane protein expressed *in vitro* E.coli expression system. 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

Full Length of Mature Protein

Protein Class

Receptor

TMD

1

Sequence

TQDCSFQHSPISSDFAVKIRELSDYLLQDYPVTVASNLQDEELCGGLWRLVLAQRWMERLKTVAGSKMQGLLERVNTIEHFVTKCA

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis and SUMO tag

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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; flt3 ligand; fms related tyrosine kinase 3 ligand; Fms related receptor tyrosine kinase 3 ligand

Gene ID

[2323](#)

UniProt ID

[P49771](#)