

Product Information

MemDX™ Membrane Protein Human SIGLEC8 (Sialic acid binding Ig like lectin 8) for Antibody Discovery

Cat. No.: **MP0763J**

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

This product is a 53.9 kDa Human SIGLEC8 membrane protein expressed in HEK293T. 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

SIGLEC8

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

53.9 kDa

TMD

1

Sequence

MLLLLLLLPLWGTGKMEGDRQYGDGYLLQVQELVTVQEGLCVHVPCSFSSYPQDGWTDSDPVHGYWFRAG
DRPYQDAPVATNPNPDREVQAETQGRFQLLDIWSNDCSLSDARKRDKGSYFFRLERGSWKWSYKSQLN
YKTKQLSVFVTALTHRPDILILGTLES GHPRNLTCSPWACKQGTTPMISWIGASVSSPGPTTARSSVL
LTPKPQDHGTSLTQVTLPGTGVTSTVRLDVSYPPWNLTMTVFQGDASTALGNGSSLSVLEGQSLR
LVCAVNSNPPARLSWTRGSLTLCPSRSSNPGLLELPRVHVRDEGEFTCRAQNAQGSQHISLSLSLQNEGT
GTSRPVSQVTLAAVGGAGATALAFLSFCIIIVRSCRKKSARPAAGVGDTGMEDAKAIRGSASQGPLE
SWKDG NPLKKPPPAVAPSSGEEGELHYATLSFHVKVPQDPQGGQEQATDSEYSEIKIHKRETAETQACLRNH
NPSSKEVRG

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

SIGLEC8

Full Name

Sialic acid binding Ig like lectin 8

Introduction

Sialic acid-binding immunoglobulin (Ig)-like lectins, or SIGLECs (e.g., CD33 (MIM 159590)), are a family of type 1 transmembrane proteins each having a unique expression pattern, mostly in hemopoietic cells. SIGLEC8 is a member of the CD33-like subgroup of SIGLECs, which are localized to 19q13.3-q13.4 and have 2 conserved cytoplasmic tyrosine-based motifs: an immunoreceptor tyrosine-based inhibitory motif, or ITIM (see MIM 604964), and a motif homologous to one identified in signaling lymphocyte activation molecule (SLAM; MIM 603492) that mediates an association with SLAM-associated protein (SAP; MIM 300490).

Alternative Names

SAF2; SIGLEC-8; SIGLEC8L

Gene ID

[27181](#)

UniProt ID

[Q9NYZ4](#)