

Product Information

MemDX™ Membrane Protein Human SIGLEC8 (Sialic acid binding Ig like lectin 8) Full

Length

Cat. No.: **MPC2268K**

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

This product is a 54 kDa Human SIGLEC8 membrane protein expressed in HEK293. 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

Cell adhesion

Molecular Weight

54 kDa

TMD

1

Sequence

MLLLLLLLPLWGTGMEGDRQYGDGYLLQVQELVTVQEGLCVHVPCSF
YPQDGWTDSDPVHGYWFRAGDRPYQDAPVATNNPDREVQAETQGRFQLL
DIWSNDCSLSIRDARKRDKGSYFFRLERGS MKWSYKSQLNYKTKQLSVFV
TALTHRPDILILGTLES GHSRNLTCVWPWACKQGTPPMISWIGASVSSPG
PTTARSSVLTLPKPQDHGTS LTCQVTLPGTGVTSTVRLDVSYPWNL
TMTVFQGDASTALGNGSSLSVLEGQSLRLVCAVNSNPPARLSWTRGSL
TLCPSRSSNPGLLELPRVHVRDEGEFTCRAQNAQGSQHISLSLSLQNEGT
GTSRPVSQVTLAAVGGAGATALAFLSFCIIIFIIVRSCRKKSARPAAGVGD
TGMEDAKAIRGSASQGPLTESWKDGNPLKKPPPAVAPSSGEEGELHYATL
SFHKVKPQDPQGQEATDSEYSEIKIHKRETAETQAACLRNHNPPSKEVRG

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

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

SIGLEC8; SAF2; SIGLEC-8; SIGLEC8L; sialic acid-binding Ig-like lectin 8; CDw329; SAF-2; sialoadhesin family member 2; Sialic acid binding Ig like lectin 8

Gene ID

[27181](#)

UniProt ID

[Q9NYZ4](#)