Recombinant Full Length Human SIGLEC8 Protein, C-Flag-tagged

Cat. No. SIGLEC8-1776HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SIGLEC8 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	53.9 kDa
AA Sequence	MLLLLLLLPLLWGTKGMEGDRQYGDGYLLQVQELVTVQEGLCVHVPCSFSYPQDG WTDSDPVHGYWFRAG DRPYQDAPVATNNPDREVQAETQGRFQLLGDIWSNDCSL SIRDARKRDKGSYFFRLERGSMKWSYKSQLN YKTKQLSVFVTALTHRPDILILGTLE SGHPRNLTCSVPWACKQGTPPMISWIGASVSSPGPTTARSSVLT LTPKPQDHGTSL

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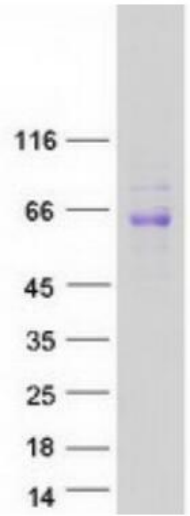
	TCQVTLPGTGVTTTSTVRLDVSYPPWNLTMTVFQGDATASTALGNGSSLSVLEGQS LR LVCAVNSNPPARLSWTRGSLTLCPSRSSNPGLLELPRVHVRDEGEFTCRAQNA QGSQHISLSLSLQNEGT GTSRPVSQVTLAAVGGAGATALAFLSFCIIFIIVRSCRKKS ARPAAGVGDTGMEDAKAIRGSASQGPLTE SWKDGNPLKKPPPAVAPSSGEEGELH YATLSFHKVKPQDPQGQEATDSEYSEIKIHKRETAETQACLRNH NPSSKEVRG TRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	SIGLEC8 sialic acid binding Ig like lectin 8 [Homo sapiens (human)]
Official Symbol	SIGLEC8
Synonyms	SAF2; SIGLEC-8; SIGLEC8L

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Gene ID	27181
mRNA Refseq	NM_014442.3
Protein Refseq	NP_055257.2
MIM	605639
UniProt ID	Q9NYZ4



Coomassie blue staining of purified SIGLEC8 protein.

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