Recombinant Human SIGLEC8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SIGLEC8-1014H **Lot. No.** (See product label)

SPECIFICATION

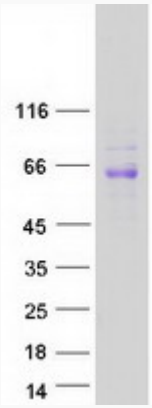
Product Overview	SIGLEC8 MS Standard C13 and N15-labeled recombinant protein (NP_055257) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Sialic acid-binding immunoglobulin (Ig)-like lectins, or SIGLECs (e.g., CD33), are a family of type 1 transmembrane 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, and a motif homologous to one identified in signaling lymphocyte activation molecule (SLAM) that mediates an association with SLAM-associated protein.
Molecular Mass	54.1 kDa
AA Sequence	MLLLLLLLPLLWGTKGMEGDRQYGDGYLLQVQELVTVQEGLCVHVPCSFSYPQDG WTDSDPVHGYWFRAGDRPYQDAPVATNNPDREVQAETQGRFQLLGDIWSNDCSL SIRDARKRDKGSYFFRLERGSMKWSYKSQLNYKTKQLSVFVTALTHRPDILILGTLES GHPRNLTCSVPWACKQGTPPMISWIGASVSSPGPTTARSSVLTLTPKPQDHGTSLT CQVTLPGTGVTTTSTVRLDVSYPPWNLTMTVFQGDATASTALGNGSSLSVLEGQSL RLVCAVNSNPPARLSWTRGSLTLCPSRSSNPGLLELPRVHVRDEGEFTCRAQNAQ

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	GSQHISLSLSLQNEGTGTSRPVSQVTLAAVGGAGATALAFLSFCIIFIIVRSCRKKSAR PAAGVGDTGMEDAKAIRGSASQGPLTESWKDGNPLKKPPPAVAPSSGEEGELHYA TLSFHKVKPQDPQGQEATDSEYSEIKIHKRETAETQACLRNHNPSSKEVRGTRTRPL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SIGLEC8 sialic acid binding Ig-like lectin 8 [Homo sapiens (human)]
Official Symbol	SIGLEC8
Synonyms	SIGLEC8; sialic acid binding Ig-like lectin 8; sialic acid-binding Ig-like lectin 8; MGC59785; SAF2; SIGLEC 8; SIGLEC8L; SAF-2; CDw329; sialoadhesin family member 2; SIGLEC-8;
Gene ID	27181
mRNA Refseq	NM_014442
Protein Refseq	NP_055257

MIM	605639
UniProt ID	Q9NYZ4
SDS-PAGE	

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