

Product datasheet for **SC126463**

SIGLEC8 (BC053319) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SIGLEC8 (BC053319) Human Untagged Clone
Tag:	Tag Free
Symbol:	SIGLEC8
Synonyms:	SAF2; SIGLEC-8; SIGLEC8L
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for BC053319 edited

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GAAGAACCCTGAGGAACAGACGTTCCCTGGCGGCCCTGGCGCCTTCAAACCCAGACATGC
TGCTGCTGCTGCTGCTGCTGCCCTGCTCTGGGGGACAAAGGGGATGGAGGGAGACAGAC
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TTCATGGCTACTGGTTCGGGGCAGGAGACAGACCATAACCAAGACGCTCCAGTGGCCACAA
ACAACCCAGACAGAGAAGTGCAGGCAGAGACCCAGGGCCGATTCCAACCTCTTGGGGACA
TTTGAGCAACGACTGCTCCCTGAGCATCAGAGACGCCAGGAAGAGGGATAAGGGGTCAT
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GAGTGAGTTATCACGAGATCTGATGGTTTTGTAAGTGGTGGTTCCCTGCTCTTCTCTC
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AGGCCTCCTCCGCCATGTGGAACGTGAGTCAATTACACCTCTTTCATTTATAAATTAA
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Restriction Sites:	Please inquire
ACCN:	BC053319
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC053319.1 , AAH53319.1
RefSeq Size:	2956 bp
Locus ID:	27181
Cytogenetics:	19q13.41
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	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) (summarized by Foussias et al., 2000 [PubMed 11095983]).[supplied by OMIM, May 2010]