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Product datasheet for RC208582L3V

SIGLEC8 (NM_014442) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SIGLEC8 (NM_014442) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SIGLEC8
Synonyms:	SAF2; SIGLEC-8; SIGLEC8L
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014442
ORF Size:	1497 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208582).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_014442.2, NP_055257.2
RefSeq Size:	2967 bp
RefSeq ORF:	1500 bp
Locus ID:	27181
UniProt ID:	Q9NYZ4
Cytogenetics:	19q13.41
Protein Families:	Druggable Genome, Transmembrane
MW:	54.1 kDa

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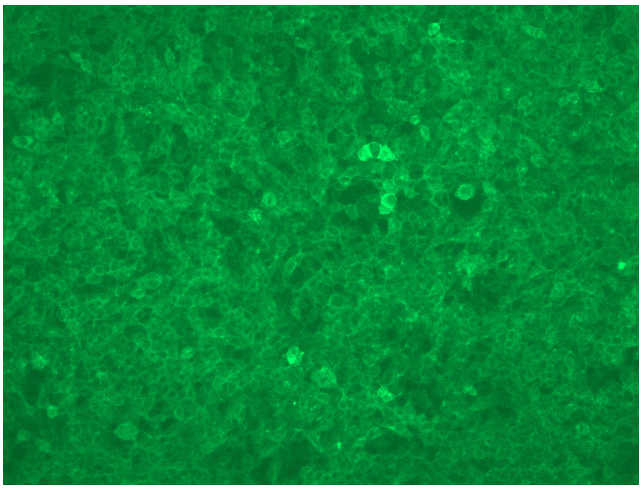
Gene Summary: Sialic acid-binding immunoglobulin (Ig)-like lectins, or SIGLECs (e.g., CD33 (MIM 159590)), are a family of type 1 transmembrane proteins each having a unique expression pattern, mostly in hemopoietic cells. SIGLEC8 is a member of the CD33-like subgroup of SIGLECs, which are localized to 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]

Product images:



[RC208582L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC208582L3V particle to overexpress human SIGLEC8-Myc-DDK fusion protein.