

Product datasheet for **SC203601**

Siglec 7 (SIGLEC7) (NM_014385) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Siglec 7 (SIGLEC7) (NM_014385) Human 3' UTR Clone
Symbol:	Siglec 7
Synonyms:	AIRM-1; AIRM1; CD328; CDw328; D-siglec; p75; p75/AIRM1; QA79; SIGLEC-7; SIGLEC19P; SIGLECP2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014385
Insert Size:	311 bp
Insert Sequence:	>SC203601 3'UTR clone of NM_014385

The sequence shown below is from the reference sequence of NM_014385. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GAGTACTCAGAGATCAAGATCCCAAGTAAGAAAATGCAGAGGCTCGGGCTTGTTTGAGGGTTCACGAC
CCCTCCAGCAAAGGAGTCTGAGGCTGATTCCAGTAGAATTAGCAGCCCTCAATGCTGTGCAACAAGACA
TCAGAACTTATTCCTCTGTCTAACTGAAAATGCATGCCTGATGACCAAACTCTCCCTTTCCCATCCA
ATCGGTCCACACTCCCCGCCCTGGCTCTGGTACCCACCATTCTCCTCTGTACTTCTCTAAGGATGACT
ACTTTAGATTCCGAATATAGTGAGATTGTAACGTG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.


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RefSeq: NM_014385.4

Summary: Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,3- and alpha-2,6-linked sialic acid. Also binds disialogangliosides (disialogalactosyl globoside, disialyl lactotetraosylceramide and disialyl GalNAc lactotetraosylceramide). The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. Mediates inhibition of natural killer cells cytotoxicity. May play a role in hemopoiesis. Inhibits differentiation of CD34+ cell precursors towards myelomonocytic cell lineage and proliferation of leukemic myeloid cells (in vitro). [UniProtKB/Swiss-Prot Function]

Locus ID: 27036

MW: 11.5