

Product datasheet for **RG230263**

SIGLEC10 (NM_001171158) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SIGLEC10 (NM_001171158) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SIGLEC10
Synonyms:	PRO940; SIGLEC-10; SLG2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG230263 representing NM_001171158
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTACTGCCACTGCTGCTGTCTCGCTGCTGGCGGGTCCAGGCTATGGATGGGAGATTCTGGATAC
 GAGTGCAGGAGTCAAGTGGTCCGGAGGGCCTGTGCATCTCTGTGCCCTGCTCTTTCTCTACCCCG
 ACAAGACTGGACAGGGTCTACCCAGCTTATGGCTACTGGTCAAAGCAGTGAAGTGAACCAAGGGT
 GCTCCTGTGGCCACAACCACCAGAGTGCAGAGGTGAAATGAGCACCCGGGGCCGATTCCAGCTCACTG
 GGGATCCCGCAAAGGGAACTGCTCCTTGGTGATCAGAGACGCGCAGATGCAGGATGAGTCAAGTACTT
 CTTTCGGTGGAGAGAGGAAGCTATGTGAGATAAATTCATGAACGATGGGTTCTTTCTAAAAGTAA
 GGAACCAACCAACGACCTCCACTTCTCAGTGTCTCAGTTCACGCCAGACCCAGGACCACAACCCG
 ACCTCACCTGCCATGTGGACTTCTCAGAAAGGGTGTGAGCGCACAGAGGACCGTCCGACTCCGTGTGGC
 CTATGCCCCAGAGACCTTGTATCAGCATTTCAGTGAACACGCCAGCCCTGGAGCCCGAGCCCGAG
 GGAAATGTCCATACCTGGAAGCCAAAAAGGCCAGTTCTCGCGCTCCTCTGTGCTGCTGACAGCCAGC
 CCCTGCCACACTGAGCTGGGTCTGCAGAACAGAGTCTCTCCTCGTCCATCCCTGGGGCCCTAGACC
 CCTGGGGCTGGAGCTGCCCGGGTGAAGGCTGGGGATTACAGGCGCTACACCTGCCGAGCGGAGAACAGG
 CTTGGCTCCCAGCAGCGACCCCTGGACCTCTGTGCAGTATCCTCCAGAGAACCTGAGAGTGTGGTTT
 CCCAAGCAAACAGGACAGTCTGGAAAACCTTGGGAACGGCAGTCTCTCCAGTACTGGAGGGCCAAAG
 CCTGTGCCTGGTGTGTACACACAGCAGCCCCCAGCCAGGCTGAGCTGGACCCAGAGGGGACAGGTT
 CTGAGCCCTCCCAGCCCTCAGACCCCGGGTCTGGAGCTGCCTCGGGTTCAAGTGGAGCACGAAGGAG
 AGTTCACCTGCCAGCTCGGCACCCACTGGGCTCCAGCAGTCTCTCTCAGCCTCCGTGCATAA
 GAAGGGACTCATCTCAACGGCATTCTCCAACGGAGCGTTTCTGGGAATCGGCATCACGGCTCTTCTTTC
 CTCTGCCTGGCCCTGATCATCATGAAGATTCTACCGAAGAGACGGACTCAGACAGAAACCCGAGGCCCA
 GTTTCTCCCGGCACAGCACGATCCTGGATTACATCAATGTGGTCCCGACGGCTGGCCCCCTGGCTCAGAA
 GCGGAATCAGAAAGCCACACCAACAGTCTCGGACCCCTCTCCACCAGGTGCTCCCTCCCAGAAATCA
 AAGAAGAACCAGAAAAGCAGTATCAGTTGCCAGTTTCCAGAACCAATCATCCACTCAAGCCCGAG
 AATCCCAGGAGCAAGAGGAGCTCATTATGCCAGCTCAACTCCCAGGCGTACAGCCAGGCGCTGA
 GGCCCGGATGCCAAGGGCACCCAGGCGGATTATGCAGAAGTCAAGTTCCAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG230263 representing NM_001171158
 Red=Cloning site Green=Tags(s)

MLLPLLLSSLLGGSQAMDGRFWIRVQESVMVPEGLCISVPCSFYPRQDWTGSTPAYGYWFKAVTETTKG
 APVATNHQSREVMSTRGRFQLTGDPKGNCSLVIRDAQMQDESQYFRVERGSYVRYNFMNDGFFLKVT
 GTKPTTSHFSVLSFTPRPQDHTDLTCHVDFSRKGVSAQRTVRLRVAYAPRDLVVISRDNTPALEPQPQ
 GNVPLYEAQKQFLRLLCAADSQPPATLSWVLQNRVLSHPWGRPLGLELPGVKAGDSGRYTCRAENR
 LGSQQRALDLSVQYPPENLRVMVSQANRTVLENLNGTSLPVLEGQSLCLVCVTHSSPPARLSWTQRGQV
 LSPSQSDPGVLELPRVQVEHEGEFTCHARHPLGSQHVLSLSVHYKKGLISTAFSNGAFLGIGITALLF
 LCLALIIMKILPKRRTQTETPRPRFSRHSTILDYINNVPTAGPLAQKRNQKATPNSPRTPLPPGAPSPES
 KKNQKQYQLPSFPEPKSSTQAPESQESQEELHYATLNFPGVRRPEARMKGTQADYAEVKFQ

TRTRPLE - GFP Tag - V

Restriction Sites:

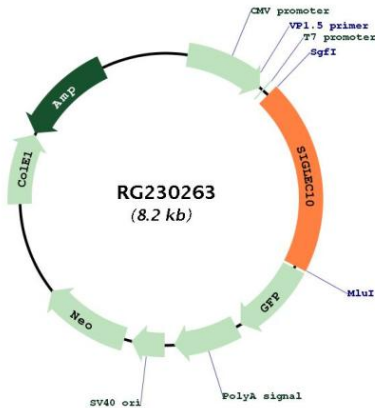
Sgfl-MluI

Cytogenetics: 19q13.41

Protein Families: Druggable Genome, Transmembrane

Gene Summary: SIGLECs are members of the immunoglobulin superfamily that are expressed on the cell surface. Most SIGLECs have 1 or more cytoplasmic immune receptor tyrosine-based inhibitory motifs, or ITIMs. SIGLECs are typically expressed on cells of the innate immune system, with the exception of the B-cell expressed SIGLEC6 (MIM 604405).[supplied by OMIM, Jul 2002]

Product images:



Circular map for RG230263