

Product datasheet for **MG221376**

Siglec15 (NM_001101038) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Siglec15 (NM_001101038) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Siglec15
Synonyms:	Cd33l3; EG620235; SIGLEC-I
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG221376 representing NM_001101038 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGGGTCCCTCCAACCTCTGGCCTGCTTGGCCTGTGTGCTCCAGATGGGATCCCTTGTGAAA
CTAAGAGACGCTTCGGGGATCTGCTCAACACAGAGGCGCACAGTGCCCGGCGCAGCGCTGGTCCATGCA
GGTCCCCGGGAGGTGAACGCGGAGGCTGGCGACGCGCGGTGCTGCCCTGCACCTTCACGCACCCGCAC
CGCCACTACGACGGCCGCTGACGGCCATCTGGCGCTCGGGCAGCCGTACGCGGGCCCGCAGGTGTTCC
GCTGCACCGCGCGCCGGCAGCGAGCTGTGCCAGACGGCGCTGAGCCTGCACGGCGCTTCCGCGCTGCT
GGCAACCCGCGCGCAACGACCTGTCCCTGCGGTGAGCGCCTCGCCCTGGCGGACAGCGGCCGCTAC
TTCTGCCGCTGGAGTTCACCGCGACGCCACGATCGCTATGAGAGTCGCCATGGGGTCCGCTCTGCGCG
TGACTGCAGCTGCGCCGCGGATCGTCAACATCTCGGTGCTGCCGGGCCCCGCGCACGCGCTTCCGCGCGCT
CTGCACCCCGAGGGGAGCCCCGCCCCGCTCGCCTGGTGGGTCCCGCCCCAGGCAACAGCTCCGCT
GCCCTGCAGGGCCAGGGTACGGCTACCAGGTGACCGCGAGTTGCCCGCGCTGACCCGCGACGGCCGCT
ACACGTGCACGGCGCCAATAGCCTGGGCCGCGCCGAGGCCAGCGTCTACCTGTTCCGCTTCCACGGCGC
CCCCGAACTCGACCTAGCGTCTGCTGGCGCGCTGGGCCCAAGGCCCTTGTGCTGCTTGGCATT
CTGGGAGCGGTGCCACCCGACGCGACTAGATCACCTGGTCCCCAGGACACCCTCCACGGTCTCAGG
CTCAGGAGTCCAATTATGAAAATTTAGCCAGATGAGTCCTCCAGGCCACCAGCTGCCACGTGTTTGCTG
TGAGGAACTCCTCAGCCATCACCATCTAGTCATTACCATGAGAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG221376 representing NM_001101038
 Red=Cloning site Green=Tags(s)

```
MEGSLQLLACLACVLQMGSLVKTRRDASGDLNTEAHSAPAQRWSMQVPAEVNAEAGDAAVLPCTFTHPH
RHYDGPLTAIWRSGEPYAGPQVFRCTAAPGSELCQTALSLHGRFRLLGNPRRNDLSL RVERLALADSGRY
FCRVEFTGDAHDRIESRHGVRLRVTAAPRIVNISVLPGPAHAFRALCTAEGEPPPALAWSGPAPGNSSA
ALQGQGHGYQVTAELPALTRDGRYTCTAANSLGRAEASVYLFRFHGAPGTSTLALLL GALGLKALLLLGI
LGARATRRRLDHLVPQDTPPRSQAQESNYENLSQMSPPGHQLPRVCCEELLSHHHLVIHHEK
```

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja1348_g01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_001101038

ORF Size: 1026 bp

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.

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: [NM_001101038.2](#)

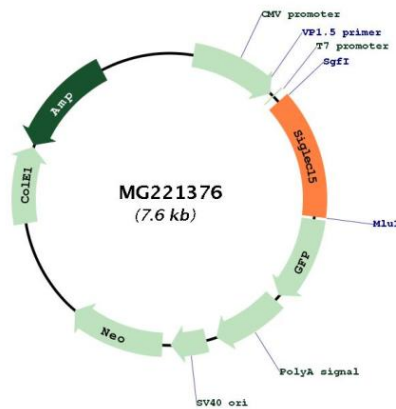
RefSeq Size: 1029 bp

RefSeq ORF: 1029 bp

Locus ID: 620235

Cytogenetics: 18 E3

Product images:



Circular map for MG221376