

Product datasheet for **MG219965**

Cd33 (NM_001111058) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd33 (NM_001111058) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cd33
Synonyms:	gp67; Siglec-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG219965 representing NM_001111058 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGTGGCCACTGCCGCTGTTCTTGCTGTGTGCAGGCTCCCTGGCTCAGGATTTAGAATTCAGCTGG
TGGCGCCCGAGTCAGTGACAGTCGAGGAGGGCCTATGTGTCCATGTGCCCTGCAGTGTCTTCTACCCCTC
CATTAAGCTCACTTAGGACCTGTGACCGCTCCTGGCTCCGAAAGGGGTCAGTCTCCATGAAGACTCT
CCAGTGGCCACAAGTGACCCAGACAAGTGCAGAAGGCAACACAGGGCAGATCCAACCTCTGGGG
ACCCACAGAAACATGACTGTTCCCTGTTTCATCAGAGATGCACAGAAAAATGACACAGGAATGTACTTCTT
CAGAGTGGTCAGAGAACCCTTTGTGAGATATTCTTACAAAAAAGCCAGCTGTCAGTGCATGTGACCTCT
CTATCACGGACTCCTGACATTATAATCCCGGGGACCCTGGAGGCTGGCTATCCTAGCAATCTCACCTGCT
CTGTGCCCTGGGCTTGTGAGCAGGGGACACCCCTACTTTCTCCTGGATGTCAACTGCCCTCACCTCCTT
GAGTTCGCCGAACCCAGACTCCTCCGTGCTGACGTTTACACCTCAGCCTCAGGACCATGGTACCAAACCTC
ACCTGCTTGGTGACCTTCTCTGGAGCAGGTGTCAGTGTGGAAAGGACCATCCAGCTCAATGTTACCCGGA
AATCAGGCCAGATGAGAGAGCTGGTCTGGTGGCTGTGGGGAGGCAACGGTCAAGCTCCTGATTCTTGG
GCTCTGTCTCGTGTCTCATTGTGATGTTCTGCAGAAGGAAGACAACAAAGCTGTCAGTGCACATGGGC
TGTGAAAATCCTATCAAGAGGCAGGAAGCGATCACATCCTATAAATCACTGCCTATCTCCAATGCATCTG
ATGCTGTGACTCCAGGATGTTCCATACACAGGCTCATCAGCAGGACTCCAAGGTGCACAGCAATCCTGAG
AATCCAAGACCCTTACAGAAGGACTCACCTCAGGAACAGAGCAGTGTCCACACTAAGATTTCTTGGATT
TCATGGGAGGGAAGCCTCAGGAGTACTCAGAGATCTAAATGCACCAAGCTTTGCTCTCCTGTGAAGAACC
TGTGCTCTATGGCTTCTGTGGATAATTCCTGCATCCCTCTGATCCCAGAGTGGGTTATGCTGCTGTG
TGTGAGTCTTACACTCAGT

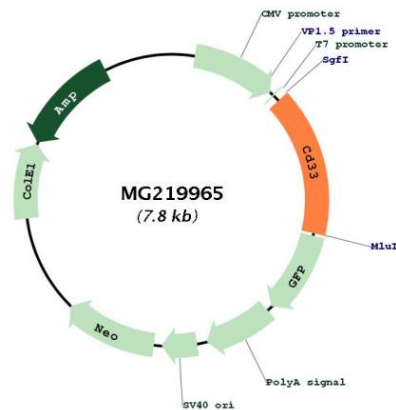
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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:	<ol style="list-style-type: none">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_001111058.1 , NP_001104528.1
RefSeq Size:	2571 bp
RefSeq ORF:	1212 bp
Locus ID:	12489
UniProt ID:	Q63994
Cytogenetics:	7 28.25 cM
Gene Summary:	Sialic-acid-binding immunoglobulin-like lectin (Siglec) that plays a role in mediating cell-cell interactions and in maintaining immune cells in a resting state (By similarity). Preferentially binds sialic acid to the short O-linked glycans of certain mucins (PubMed:12773563). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG219965