

Product datasheet for MC209675

Clec5a (NM_021364) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clec5a (NM_021364) Mouse Untagged Clone
Tag: Tag Free
Symbol: Clec5a
Synonyms: Clecsf5; Ly100; MDL-1; Mdl1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209675 representing NM_021364
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAGTGGCACATGATCATCTCGGGGCTTATCGTAGTAGTGATCAAAGTTGTTGGAATGACCTTTTTTC
 TGCTGTATTTCTACAGATCTTTGGGAGAAATGACGAAAGTACCATGCCTACAAGGAGCTATGGAACAGT
 CTGTCCCAGAAACTGGGATTTTACCAAGGAAATGCTTTTTCTCTCCTCTCCGAATCACCTTGAAA
 GACAGCATGGATTATTGTGCAACACAAGGATCCACACTGGCAATTGTCAACACTCCAGAGAACTGAAGT
 ATCTTCAGGACATAGCTGGTATTGAGAATTACTTTATTGGTTTGGTACGTGAGCCTGGAGAGAAAAAGT
 GCGCTGGATCAACAACTCTGTGTTCAATGGCAATGTTACCAATCAGGACCAGAACTTCGACTGTGCTCACT
 ATAGGTCTGACGAAGACATATGATGCTGCATCATGTGAAGTCAGCTATCGCTGGATCTGCGAAATGAATG
 CCAAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_021364
Insert Size: 498 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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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:	<u>NM_021364.2</u> , <u>NP_067339.1</u>
RefSeq Size:	3745 bp
RefSeq ORF:	498 bp
Locus ID:	23845
UniProt ID:	<u>Q9R007</u>
Cytogenetics:	6 B1
Gene Summary:	Functions as a positive regulator of osteoclastogenesis (PubMed:19251634). Cell surface receptor that signals via TYROBP (PubMed:10449773). Regulates inflammatory responses (PubMed:20212065).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an exon in the coding region, compared to variant 1. The encoded isoform (2) is shorter, compared to isoform 1.