

Product datasheet for **MC204027**

Ly6e (NM_008529) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ly6e (NM_008529) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ly6e
Synonyms: Ly67; RIG-E; Sca-2; TSA-1; Tsa1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019113
 CCACGCGTCCGCAGCCTTTGGTGATCCTCCAGGACCTAAGGTTTCGGTATTATCTTCGGGGCCGCTTCAC
 CCGGAGGCTTCTTTGGCTTGCGAACCTTCAGCAGATGTCTGCCACTTCCAACATGAGAGTCTTCCTGCCT
 GTGCTGTTGGCAGCCCTTCTGGGCATGGAGCAAGTTCATTCCCTGATGTGCTTCTCATGTACCGATCAGA
 AGAACAAATAAACTGCCTGTGGCCAGTTTCATGCCAGGAGAAAGACCATTACTGTATCACGTTATCTGC
 CGCTGCGGGCTTTGGAAATGTCAACCTTGGCTACACCCTGAACAAGGGCTGCTCCCCGATCTGCCCCAGT
 GAAAATGTCAATCTCAATCTCGGTGTGGCATCCGTGAACAGCTACTGCTGCCAAAGCTCCTTCTGCAACT
 TCAGCGCAGCTGGCCTCGGACTTCGTGCCAGTATCCCACTACTGGGCCTTGGACTCCTGCTTAGCTTGT
 GGCTCTGCTGCAGCTGAGCCCTGACCATCCCCATGTGTTCTCCATATCCCCCAGCTCAGGAAAAGCC
 CAGCTCCTTTTAGGTCCCAGGGGACCCTAGGAACCTTCAGCTCCTCCTGGGTGTGCTAGTTCCCCCTCC
 AACTCTCTCAACGTGAGGGCTAAGTACCAAACCTCACCCATACCTGCTCTGTTGAAGTGGTACTGGCTAC
 CCTTGCTCCAGAGCCAATCCTATAACCTCCCTTGGGGAACCAGCGAAGGGGTGAAGATCTCCTTGGAGT
 CTCAAGAGTACCAGAGTCAGCGCGAATCTTGTGGACACACTGACAAGGATGTCTAACCCAAATAGATGT
 ATATCTGTGTGCTCAGTGTATCCCTGTGTGAATGAAGCCACTTGGATTCTGGGGTGGGCAAGAAGACCT
 GAAAAGATTCTACAGCAGAAGGCCTGTGTTGCCACCAAAACCCCTCCCCCTGGTATCATTGTACCCACCT
 TGTAATCTGTTTCAGGAGGCTGCCATGGAGGACTGCCACCCCTCCAGATGAAGGCTCCCACTACCCGATG
 CAGTTGAGTCCCATCCTGCCCTCTGCCACACTGGCTTCTGCTGCTATTCTAGTGCCTCAAATAAAC
 CGTTCACACCCCTTAA AA

Restriction Sites: RsrII-NotI
ACCN: NM_008529
Insert Size: 411 bp



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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).
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>BC019113</u> , <u>AAH19113</u>
RefSeq Size:	1192 bp
RefSeq ORF:	411 bp
Locus ID:	17069
UniProt ID:	<u>Q64253</u>
Cytogenetics:	15 34.29 cM
Gene Summary:	<p>Involved in T-cell development (PubMed:8258699). Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro inhibits alpha-3:beta-4-containing nAChRs maximum response (PubMed:26276394).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the 5' UTR, compared to variant 1. Variants 1 to 6 all encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>