

Product datasheet for **MC200543**

Ly6e (BC005684) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ly6e (BC005684) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ly6e
Synonyms: Sca-2, RIG-E, TSA-1, 9804
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC005684
 GCCTGCTGGGTGCATTAGCCTTTGGTGATCCTCCAGGACCTAAGGTTTCGGTATTATCTTCGGGGCCT
 CTTACCCGGAGTAGGCTTCTTTGGCTTGCAGACCTTCAGCAGATGTCTGCCACTTCCAACATGAGAGTC
 TTCTGCCTGTGCTGTTGGCAGCCCTTCTGGGCATGGAGCAAGTTCATTCCCTGATGTGCTTCTCATGTA
 CCGATCAGAAGAACAATATAAACTGCCTGTGGCCAGTTTCATGCCAGGAGAAAGACCATTACTGTATCAC
 GTTATCTGCCGCTGCGGGCTTTGGGAATGTCAACCTTGGCTACACCCTGAACAAGGGCTGCTCCCGATC
 TGCCCCAGTGAAAATGTCAATCTCAATCTCGGTGTGGCGTCCGTGAACAGCTACTGCTGCCAAAGCTCCT
 TCTGCAACTTCAGCGCAGCTGGCCTCGGACTTCGTGCCAGTATCCCACTACTGGGCTTGGACTCCTGCT
 TAGCTTGTGGCTCTGCTGCAGCTGAGCCCTGACCATCCCCATGTGTTCTCCATATCCCCCAGCTCA
 GAAAAAGCCCAGCTCCTTTTAGGTCCCAGGGACCTAGGAACCTTCAGCTCCTCCTGGGTGTGTCTAGT
 TCCCCCTCCACACTCTCTCAACGTCAGGGCTAAGTACCAAACCTACCCATACCTGCTCTGTTGAAGTGGT
 ACTGGCTACCCCTTGTCTCCAGAGCCAATCTATAACCTCCCTTGGGGAACCGAAGGGGTGAAGATCT
 CCTTGGAGTCTCAAGAGTACCAGAGTACGCGCCGAATCTTGTGGACACACTGACAAGGATGTCTAATCCA
 AATAGATGTATATCTGTGTGCTCAGTGTATCCCTGTGTGAATGAAGCCACTTGGATTCTGGGGTGGGCAA
 AGAAGACCTGAAAAGATTCTACAGCAGAAGGCCTGTGTGCCACCAAAACCCCTCCCCCTGGTATCATTG
 TACCCACTTGTACTCTGTTTCCAGGAGGCTGCCATGGAGGACTGCCACCCCTCCAGATGAAGGCTCCAC
 TACCCGATGCAGTTGAGTCCCATCCTGCCCTCTCTGCCACACTGGCTTCTGCTGCTATTCTAGTGCT
 CAAATAAACCGTTACACCCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC005684
Insert Size: 411 bp



[View online »](#)

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>BC005684</u> , <u>AAH05684</u>
RefSeq Size:	1172 bp
RefSeq ORF:	411 bp
Locus ID:	17069
Cytogenetics:	15 34.29 cM
Gene Summary:	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]