

Product datasheet for **RN217059**

Ly9 (NM_001191673) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ly9 (NM_001191673) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ly9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217059 representing NM_001191673
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGATCTAAAAAGATATTGGTGTGAACGGGCTCTAGATGCATTCTCTGAAAAACAAGAAAGAGTC
 AGCAGCAGATATTTCTCCATTCTTTGGATCCCTCTCCTTCTCTACTCATGGGGCTAGGAGCCTCTGG
 GAAGGAAACACCCCAAGAGTGATATCAGGGATCCTAGGGGGTTCTGTGACTTTCCCTAAATATCTCA
 AATAATGCAGAAATTGAGCTCATCACCTGGACTTACCTCTCAAAGACTCTTGTTTTAGCCATCACCAGCA
 GATCTGGTATAACGATTCTGCTCAAAGAATACAGTGGCCGACTCAACATCAGCCAAGATGGCTACTCCTT
 GTGCATGAGTAACCTAACCAAGAGTGATTACAGGATCCTACCAGGCTCAAATAATCCAAAAGAAATGTTGAC
 CACACCGTGAGGAACGAGTTCATACTGCACATCTATGAGCAGCTACAGGAGCCTCAAGTCACCGTGAAT
 CTATGACCTCATCTGAGAATGATTCTGCACTGTCACCCTAATCTGCACTGTAATGGGTCAAAGGATGG
 TGTCAGTACAGCTGGATCCAAAAGGACACCCATAATAAGACATCCCATGAAAGTCACATCCTCAGGTT
 TCCCAAGTGCCTGTGACCCGGACTACCGTATACCTGCACAGCTCGCAATCCAGTCAGCCAAAACAGT
 CCCAACCTGTCCGCGTCCGGCAGTTCTGTACAGGAACCTCCAGAAAAAACAACCTGGGAAGACTGTGAT
 AGGAATCCTGGGAGAGCCAGTGACCCTGTCTTGGAAATCCCGGCCAGTGAGGAAACAAAGAATGTTGTC
 TGGGATTTAACACATCGGTTATCAGCCAAGAACCGAAAGGAGCAGCAACAGTGGATCCTCACC GCCATA
 AGTCCAAAAGTTCTGAAGAAAGGAGGTTGAGGATCTCTGACCAGGACAGCTCCCTGAAGATCAGCCAGCT
 GAAGATGGAGGACACAGGCCCTACCATGCCTATGTGTGCTCAGAGACCTCCAGAGGCCAGTGTGAGA
 CACTTCACCCTGCTCGTCTACCAGAGACTGAAGAAGCCCAACGTACCCAGAGTCTGTGCACATGACGA
 ATGGCATCTCGAGGTTGCTGACCTGCTCAGTGGAAAGTGGTAAAAAGACGTGAGGTACACGTGGAT
 GCCTCTGCAAAAAGGAAACTGTATGTCCCAAGGGAAGTCGCACCTCAACGTCTCCTGGAAGATTGGTGAA
 CGCTGCCAACTTCACATGCACAACCCATAACCTGTACGCAACAGCTCCCGCCAGTTGCTTCTGGGA
 GCCTCTGTTACAGGCCAGAGAGAAAACAAAGGCTTTGGATCCTGCTCCTCCTGGGTTTGTCTTGGGGAT
 GCTCATTGGCGGTTGCTTCATTTGAAGAAAAGGAAACTGTGTTTCATCTTTGGCCATCAGGAACAGCCAA
 GCCAAGGTCCCAGCTGAAATACCAGAAACCCAGCTGGCCACATAGGATTTTCCGTGCTCTCCCAACAGT
 ATGAGAAATTAGATATGCCTGCTAAGACTATCAGACATCACTCTACATCCACCTCAGATACCAGCTCTGA
 GAGCAGCGCAACAACAGAAGAGGATGATGAAAAGACCAGAATGCATAGCACTGTTAACGGTAGAAGTCAG
 GTGTACGACTTATCACTCAAGAGGACATTGCACATGACTTGGCCTCTGAGGGGCAAGCAGAATATGAAG
 CAGTTAGTCCAGATGATAAAGTGGCTAAGTCTATGGATGAAGAAGACACAGCATACACACAAGAGTCCCT
 GATTGTGACAGGGAGAGAACCCTTCTCAGAAGAAAAGGCTCAAATACAATCTACTGCTCTTTACAG
 AAACATAAAACGATGGTGCAGACACCACAGCAAGATACTGAGTCTCCTGAAACCCCTACCTATGAAAATT
 TCACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191673

Insert Size: 1968 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001191673.1, NP_001178602.1</u>
RefSeq Size:	1968 bp
RefSeq ORF:	1968 bp
Locus ID:	289227
Cytogenetics:	13q24