

Product datasheet for **MC201991**

Alas1 (NM_020559) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alas1 (NM_020559) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Alas1
Synonyms:	ALAS; Alas-1; Alas-h; ALAS-N
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC022110 sequence for NM_020559
 GAACAAGGGCACTGGTCCGTTTAGCGTCCCTCCGCTCGAGTGCCTACCGCCGCTTCGTGAGAGCCCGCGC
 AGGATCCAAGACACTTTGCAAACATGGAGACTGTGTTCCGCCGATGCCCATTTCTTATCCCGAGTCCCTCA
 GGCCTTTCTGCAGAAGGCAGGAAAGTCTCTGTTGTTCTATGCTCAAACTGCCCAAGATGATGGAAGTT
 GGGGCCAAGCCAGCTCCTCGAACCTGTCCACATCAGCTGTCCACTGCCAGCAGGTCAAAGAAACCCCTC
 CAGCCAATGAGAAAGAGAAAACGCAAGGCCGAGTCCAGCAGGCTCCTGACGAGTCCCAGATGGCACA
 GACTCCAGACGGCACACAGCTCCCGTCTGGACACCCGTCCTGCTACAAGCCAGGGCTCTGGGAGCAAG
 TGCCTTTTCTGCGCAGCAGCTGAGCCAGACAGGCAGCAGCGTCTTCCGCAAGGCCAGTCTGGAGCTCC
 AGGAGGACGTGCAGGAAATGCATGCTGTGAGGAAAGAGGCTGCTCAAAGCCAGTGCCTCCAGCCTGGT
 TAATGTGAAAACCGATGGAGAGGATCCAAGCCGACTGCTGAAGAACTTCCAGGACATCATGCGAAAGCAG
 AGGCCAGAAAGAGTGTCTCATCTTCTCAGGATAACTTGCCAAAGTCTGTTTCTACTTTTCAATATGATC
 ATTTCTTTGAGAAGAAAATTGATGAGAAAAAAATGACCATACTACCGAGTTTTTAAAACGGTGAACCG
 GAGAGCACAATCTTCCCGATGGCGGATGACTACACGGACTCCCTATAACCAAAAAGCAGGTGTCGGTC
 TGGTGCAGTAATGACTACCTAGGCATGAGTCGACACCCACGGGTGTGTGGGGCTGTGATGGAGACTGTA
 AACAGCATGGTGTGAGCTGGGGGAAGTAGGAATATTTCTGGAACGAGCAAGTCCACGTAGAAGTGGAA
 GCAGGCACTGGCCGACCTCCACGGCAAAGATGCGGCGCTCTTGTCTCTTCTGTTTTGTGGCCAACGAC
 TCCACCCTCTTACCCTGGCTAAGATGATGCCAGGCTGTGAAATTTACTCTGATTCGGGGAACCATGCCCT
 CCATGATCCAAGGGATTGCAACAGTCCAGTGC AAAAATATATCTTCCGCCACAATGACGTTAACCATCT
 CAGAGAACTGCTGCAGAGATCTGACCCCTCAGTCCCAAGATAGTAGCATTTGAAACTGTCCATTCAATG
 GATGCAGTGTGCCCACTGGAAGAGCTGTGTGACGTGGCCCATGAGTTTGGGGCAATCACGTTTGTGGATG
 AGGTCCATGCAGTGGGGCTCTATGGAGCTCGAGGTGGAGGGATCGGTGATCGGGATGGCGTCATGCCAAA
 AATGGACATCATCTCTGGGACGCTTGGTAAAGCGTTCGGCTGTGTTGGAGGATACATTGCCAGCAGGAGT
 TTGCTGATCGACACCGTCCGCTCCTACGCTGCGGGCTTCATCTTACCACCTCCTTCCACCAATGCTGC
 TGGCTGGAGCCCTGGAGTCTGTGCGGATCCTGAAGAGCAGCAGGGGGCGGCCCTTCGCCCGCAGCACCA
 GCGAAATGTCAAGCTTCTGAGGCAGATGCTAATGGACGCTGGCCCTCCCGGTCATCCACTGTCCGAGTCAC
 ATCATCCCTGTGCGGGTTGCCGATGCTGCTAAGAACACAGAGATCTGTGATGAGTTGATGACCAGGCATA
 ATATCTACGTCCAGGCCATCAATTACCAACAGTGCCTCGCGGGGAGGAGCTCCTGCGGATCGCCCCAC
 CCCGCATCACACCCCGCAGATGATGAACTTTTGTGGAGAAGCTGCTGGTCACGTGGAAGCGAGTTGGG
 CTGGAAGTGAAGCCACATTCGTCAGCTGAATGCAACTTCTGCAGGAGGCCCTGCACTTTGAAAGTATGA
 GCGAAAGAGAGAAAGCCTATTTCTCAGGCATGAGCAAGATGGTGTCTGCCAGGCCTGACTCTGACTCAG
 TTATTCACAAACCCAGGCCATTACCATAACCCACATAGTAGCCAGAATTGTCTTTATATGTGAAATAAAT
 TATATATTAATCTTAATCTATAGTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_020559

Insert Size: 1926 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).

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:

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: [BC022110](#), [AAH22110](#)

RefSeq Size: 2142 bp

RefSeq ORF: 1926 bp

Locus ID: 11655

UniProt ID: [Q8VC19](#)

Cytogenetics: 9 F1