

Product datasheet for **MC219151**

Alas2 (NM_001102446) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alas2 (NM_001102446) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Alas2
Synonyms:	ALAS; Alas-2; ALAS-E; ALASE
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC219151 representing NM_001102446
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGGCAGCAGCTATGTTGCTACGGTCTGTCCAGTGTCTCTCAGGGCCCCACAGGCCCTCTGGGCA
 AAGTGGCTAAAACCTACCAGTTCCTATTTAGTATTGGACGCTGCCCATCCTGGCCACTCAAGGACCAAC
 CTGTTCTCAAATCCATCTTAAGGCAACCAAGGCTGGAGGAGAAGTCCAAGACAGGAAGAGCAAGATTGTG
 CAGAGGGCAGCTCCAGAAGTTCAAGAGGATGTCAAGACTTTCAAGACAGACCTGTGAGCACCATGGATT
 CAACCACCCGAAGCCATTCTTTCTAGTTTCCAGGAGCCAGAGCAGACTGAAGGGCAGTTCACCCACT
 GATTGAGAACAATATGACTGGAAGCCAGGCTTTCGGTTATGACCAATTTTTAGAGACAAGATCATGGAG
 AAGAAACAGGACCACACCTACCGTGTGTCAAGACTGTGAATCGTTGGGCTAATGCCTACCCCTTGCC
 AACACTTCTCCGAGGCATCTATGGCATCAAAGGATGTTTCTGTTTGGTGTAGTAATGACTATTTGGGCAT
 AAGCAGACACCCTCGTGTCTTGCAGGCCATAGAGGAGACCCTGAAGAATCATGGAGCTGGAGCTGGGGC
 ACTCGCAATATCTCAGGTACCAGCAAGTTTCATGTGGAGCTTGAACAGGAGCTGGCTGAACCTACACCAGA
 AAGACTCAGCTCTGCTCTTCTCCTCTGTTTTGTGGCCAATGATTCTACTCTCTTACACTGGCCAAAGCT
 TCTGCCAGGGTGTGAGATCTACTCAGATGCAGGCAATCATGCCTCCATGATCCAAGGCATTGCGAACAGT
 GGTGCAGCCAAGTTTGTCTTCAGACACAATGACCCAGGCCACCTGAAGAAACTTCTCGAGAAGTCTGATC
 CCAAGACACCAAAAATTTGGCTTTTGGAGACTGTTTCCATCCATGGATGGTCCATCTGTCCTCTGGAGGA
 ATTTGTGTGATGTGGCCACCAGTATGGAGCCCTGACCTTCGTAGATGAAGTCCATGCTGTAGGACTGTAT
 GGAGCCCGGGTGCAGGTATCGGGGAGCGTGATGAATTATGCACAAGCTTGACATCATCTGGAACCTC
 TTGGCAAGGCCCTTGGTTGCGTCGGTGGCTATATAGCCAGCACTCGGGACTTGGTGGACATGGTGCCTC
 CTACGCTGCAGGCTTCATCTTTACCACTTCACTGCCTCCCATGGTGTCTCTGGGGCTCTAGAATCTGTG
 CGCCTACTCAAGGGAGAGGAGGGTCAAGCCCTGAGGCGGGCACACCAGCGCAATGTCAAACACATGCGCC
 AGCTGCTAATGGACAGGGGCTTCTGTTATCCCTGTCCAGCCACATCATCCCATCAGGGTGGGTAA
 TGCAGCACTCAACAGCAAGATCTGTGATCTTCTGCTCTCCAAGCACAGCATCTATGTGCAGGCCATCAAC
 TACCCAACTGTGCTCGTGGTGGAGACTACTGCGCTTGGCCCCCTCCCCCACCACAGCCCTCAGATGA
 TGGAAAATTTGTGGAGAAGCTGCTGCTGGCCTGGACTGAGGTGGGGCTGCCCTCCAAGATGTGTCTGT
 GGCTGCATGCAACTTCTGTCATCGTCTGTGCACTTTGAAGTTATGAGCGAGTGGGAGCGATCCTACTTT
 GGGAACTGGGACCCCAATATGTTACCACCTATGCT**AA**

ACGGCTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001102446

Insert Size: 1719 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: [NM_001102446.1](#), [NP_001095916.1](#)

RefSeq Size: 1938 bp

RefSeq ORF: 1719 bp

Locus ID: 11656

UniProt ID: [P08680](#)

Cytogenetics: X 68.46 cM