

Product datasheet for **MC202286**

Alb (NM_009654) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alb (NM_009654) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Alb
Synonyms:	Al; Alb-1; Alb1; BCL002
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC049971 sequence for NM_009654
 CCCCAGTGCCTCTGGCAAAATGAAGTGGGTAACCTTTCTCCTCCTCTTTCGTCTCCGGCTCTGCTTT
 TTCCAGGGGTGTGTTTCGCCGAGAAGCACACAAGAGTGAGATCGCCCATCGGTATAATGATTTGGGAGAA
 CAACATTTCAAAGGCCTAGTCTGATTGCCTTTCCAGTATCTCCAGAAATGCTCATACGATGAGCATG
 CCAAAATAGTGCAGGAAGTAACAGACTTTGCAAAGACGTGTGTGCCGATGAGTCTGCCCAACTGTGA
 CAAATCCCTTACACTCTTTTGGAGATAAGTTGTGTGCCATTTCAAACCTCCGTGAAAACATGGTGAA
 CTGGCTGACTGCTGTACAAAACAAGAGCCGAAAGAAACGAATGTTTCTGCAACACAAAGATGACAAC
 CCAGCCTGCCACCATTTGAAAGGCCAGAGGCTGAGGCCATGTGCACCTCCTTTAAGGAAAACCAACCAC
 CTTTATGGGACACTATTTGCATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACTTCTTTAC
 TATGCTGAGCAGTACAATGAGATTCTGACCCAGTGTGTGCAGAGGCTGACAAGGAAAGTGCCTGACCC
 CGAAGCTTGATGGTGTGAAGGAGAAAGCATTGGTCTCATCTGTCGTCAGAGAATGAAGTCTCCAGTAT
 GCAGAAGTTGGAGAGAGAGCTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTTCCCAATGCT
 GACTTTGCAGAAATCACCAAAATGGCAACAGACCTGACCAAAGTCAACAAGGAGTCTGCCATGGTGACC
 TGCTGGAATGCGCAGATGACAGGGCGGAACTTGCCAAGTACATGTGTGAAAACCAGGCGACTATCTCCAG
 CAAACTGCAGACTTGCTGCGATAAACCACTGTTGAAGAAAGCCCACTGTCTTAGTGAGGTGGAGCATGAC
 ACCATGCCTGCTGATCTGCCTGCCATTGCTGCTGATTTTGTGAGGACCAGGAAGTGTGCAAGAACTATG
 CTGAGGCCAAGGATGTCTTCTGGGCACGTTCTTGATGAATATTTCAAGAAGACACCCTGATTACTCTGT
 ATCCCTGTTGCTGAGACTTGCTAAGAAATATGAAGCCACTCTGGAAAAGTGTGCGCTGAAGCCAATCCT
 CCCGCATGCTACGGCACAGTGTGCTGAATTTAGCCTCTTGTAGAAGAGCCTAAGAAGTGGTCAAAA
 CCAACTGTGATCTTTACGAGAAGCTTGGAGAATATGGATTCCAAAATGCCATTCTAGTTCGCTACACCCA
 GAAAGCACCTCAGGTGTCAACCCCACTCTCGTGGAGGCTGCAAGAAACCTAGGAAGAGTGGGCACCAAG
 TGTGTACTTCTGAAGATCAGAGACTGCCTTGTGTGGAAGACTATCTGTCTGCAATCCTGAACCGTG
 TGTCTGCTGCATGAGAAGACCCAGTGTGAGCATGTTACCAAGTGTGTAGTGGATCCCTGGTGGA
 AAGGCGGCATGCTTCTCTGCTCTGACAGTTGATGAAACATATGCCCCAAGAGTTTAAAGCTGAGACC
 TTCACCTTCCACTCTGATATCTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAAACAAACGGCTCTTG
 CTGAGCTGGTGAAGCACAAAGCCCAAGGCTACAGCGGAGCAACTGAAGACTGTGATGGATGACTTTGCACA
 GTTCTGGATACATGTTGCAAGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGGGTCCAAACCTTGTC
 ACTAGATGCAAAGACGCCTTAGCCTAAACACATCACAACCACAACCTTCTCAGGCTACCCTGAGAAAAAA
 AGACATGAAGACTCAGGACTCATCTTTTCTGTTGGTGTAAAATCAACACCCTAAGGAACACAAATTTCTT
 TAAACATTTGACTTCTTGTCTCTGTGCTGCAATTAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_009654

Insert Size: 1827 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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>BC049971</u> , <u>AAH49971</u>
RefSeq Size:	2020 bp
RefSeq ORF:	1827 bp
Locus ID:	11657
UniProt ID:	<u>P07724</u>
Cytogenetics:	5 44.7 cM
Gene Summary:	This gene encodes albumin, an abundant plasma protein essential for maintaining oncotic pressure that functions as a carrier protein for various molecules such as steroids and fatty acids in blood. This gene is primarily expressed in liver where the encoded protein undergoes proteolytic processing before secretion into the plasma. [provided by RefSeq, Oct 2015]