

Product datasheet for **RN215185**

Alb (NM_134326) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alb (NM_134326) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Alb
Synonyms:	Alb1; Albza
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215185 representing NM_134326
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGTGGGTAACCTTTCTCCTCCTCTTTCATCTCCGTTCTGCCTTTCCAGGGGTGTGTTTCGCC
 GAGAAGCACACAAGAGTGAGATCGCCATCGGTTTAAGGACTTGGGAGAACAGCATTTCAAAGGCCTAGT
 CCTGATTGCCTTTTCCCAGTATCTCCAGAAATGCCATATGAAGAGCATATCAAATTGGTGCAGGAAGTA
 ACAGACTTTGCAAAAACATGTGTCGCTGATGAGAATGCCGAAAACGTGACAAGTCCATTACACTCTCT
 TCGGAGACAAGTTATGCGCCATTCAAAGCTTCGCGACAACACGGTGAACCTGGCTGACTGCTGTGCAAA
 ACAAGAGCCCGAAAGAAACGAGTGTTCCTGCAGCACAAGGATGACAACCCCAACCTGCCACCCTCCAG
 AGGCCGGAGGCTGAGGCCATGTGCACCTCCTCCAGGAGAACCCTACCAGCTTTCTGGGACACTATTTGC
 ATGAAGTTGCCAGGAGACATCCTATTTCTATGCCCCAGAACCTTTACTATGCTGAGAAATACAATGA
 GGTTCGACCCAGTGCTGCACAGAGTCTGACAAAGCAGCTGCCGACACCGAAGCTTGATGCCGTGAAA
 GAGAAAGCACTGGTCGCAGCTGTCCGTCAGAGGATGAAGTGTCCAGTATGCAGAGATTTGAGAGAGAG
 CCTTCAAAGCCTGGGCAGTAGCTCGTATGAGCCAGCGATTCCCAATGCTGAGTTCGCAGAAATACCAA
 ATTGGCAACAGACCTCACCAAAATCAACAAGGAGTGTGTACGGCGACCTGTTGGAATGCGCGGATGAC
 AGGGCGGAACTTGCCAAGTACATGTGTGAGAACCAGGCCACTATCTCCAGCAAACGAGGCTTGCTGTG
 ATAAGCCAGTGTGCAGAAATCCAGTGTCTCGCTGAGATAGAACATGACAACATTCCTGCCGATCTGCC
 CTCAATAGCTGCTGACTTTGTTGAGGATAAGGAAGTGTGAAGAACTATGCTGAGGCCAAGGATGTCTTC
 CTGGGCACGTTTTTGTATGAATATTCAAGAAGCACCCCGATTACTCCGTGTCCCTGCTGCTGAGACTTG
 CTAAGAAATATGAAGCCACACTGGAGAAGTGTGTGCTGAAGCGATCCTCTGCTGCTACGGCACAGT
 GCTTGCAGAAATTCAGCCTCTTGTAGAAGAACCTAAGAACTTGGTCAAAACTAACTGTGAGCTTTACGAG
 AAGCTTGAGAGTATGGATTCCAAAACGCCATTCTGGTTCGATACCCAGAAAGCACCTCAGGTGTGCA
 CCCAACTCTCGTGGAGGAGCAAGAAACCTGGGAAGAGTGGGCACCAAGTGTGTACCTTCTGAAGC
 TCAGAGACTGCCCTGTGTGAAGACTATCTGTCTGCCATCCTGAACCGTCTGTGTGCTGCATGAGAAG
 ACCCCAGTGAGCGAGAAGGTCACCAAGTGTGTAGTGGTCCCTGGTGGAAAGACGGCCATGTTTCTCTG
 CTCTGACAGTTGACGAGACATATGTCCCAAAGAGTTAAAGCTGAGACCTTACCTTCCACTCTGATAT
 CTGCACACTCCCAGACAAGGAGAAGCAGATAAAGAAGCAAACGGCTCTCGCTGAGCTGGTAAACACAAG
 CCCAAGGCCACAGAAGATCAGCTGAAGACGGTGTGGGTGACTTCGCACAATTCGTGGACAAGTGTGCA
 AGGCTGCCGACAAGGATAACTGCTTCGCCACTGAGGGGCCAAACCTTGTGCTAGAAGCAAAGAAGCCTT
 AGCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_134326

Insert Size: 1827 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_134326.2](#), [NP_599153.2](#)

RefSeq Size: 2020 bp

RefSeq ORF: 1827 bp

Locus ID: 24186

UniProt ID: [P02770](#)

Cytogenetics: 14p22

Gene Summary: may play a role in nitric oxide signaling; may mediate formation of S-nitrosothiols [RGD, Feb 2006]