

## Product datasheet for **MR209376**

### Alb (NM\_009654) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Alb (NM_009654) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Alb
Synonyms:	Al; Alb-1; Alb1; BCL002
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR209376 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGTGGGTAACCTTTCTCCTCCTCTTCGTCCTCCGGCTCTGCTTTTTCCAGGGGTGTGTTTCGCC  
 GAGAAGCACACAAGAGTGAGATCGCCATCGGTATAATGATTTGGGAGAACAACATTTCAAAGGCCTAGT  
 CCTGATTGCCTTTTCCCAGTATCTCCAGAAATGCTCATACGATGAGCATGCCAAATTAGTGCAGGAAGTA  
 ACAGACTTTGCAAAGACGTGTGTGCCGATGAGTCTGCCGCAACTGTGACAAATCCCTTACACTCTTT  
 TTGGAGATAAGTTGTGTGCCATTCAAACCTCCGTGAAAATAAGTGAAGTGGTGAAGTGGTACTGCTGTACAAA  
 ACAAGAGCCCGAAAGAAACGAATGTTTCTGCAACACAAAGATGACAACCCAGCCTGCCACCATTGAA  
 AGGCCAGAGGCTGAGGCCATGTGCACCTCTTTAAGGAAAACCAACCTTTATGGGACACTATTTGC  
 ATGAAGTTGCCAGAAGACATCCTTATTTCTATGCCCCAGAACTCTTTACTATGCTGAGCAGTACAATGA  
 GATTCTGACCCAGTGTGTGCAGAGGCTGACAAGGAAAGCTGCCGACCCGAAGCTTGATGGTGTGAAG  
 GAGAAAGCATTGGTCTCATCTGTCCGTCAGAGAATGAAGTGTCCAGTATGCAGAAGTTGGAGAGAGAG  
 CTTTTAAAGCATGGGCAGTAGCTCGTCTGAGCCAGACATTCCTCAATGCTGACTTTGCAGAAATACCAA  
 ATTTGGCAACAGACCTGACCAAAGTCAACAAGGAGTGTGCCATGGTGACCTGCTGGAATGCGCAGATGAC  
 AGGGCGGAACTTGCCAAGTACATGTGTGAAAACAGGGCGACTATCTCCAGCAAATGCAGACTTGTCTGCC  
 ATAAACCACTGTTGAAGAAAGCCCACTGTCTTAGTGAGGTGGAGCATGACACCATGCCTGCTGATCTGCC  
 TGCCATTGCTGCTGATTTGTTGAGGACCAGGAAGTGTGCAAGAACTATGCTGAGGCAAGGATGTCTTC  
 CTGGGCACGTTCTGTATGAATATTCAAGAAGACACCTGATTACTCTGTATCCCTGTTGCTGAGACTTG  
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 AAGCTTGAGAATATGGATTCCAAAATGCCATTCTAGTTCGCTACACCCAGAAAGCACCTCAGGTGTCAA  
 CCCCACCTCTCGTGGAGGCTGCAAGAACTAGGAAGAGTGGGCACCAAGTGTGTACACTTCTGAAGA  
 TCAGAGACTGCCTTGTGTGAAGACTATCTGTCTGCAATCCTGAACCGTGTGTCTGCTGCATGAGAAG  
 ACCCCAGTGAGTGAACATATGTCCCAAAGAGTTAAAGCTGAGACCTTACCTTCCACTCTGATAT  
 CTGCACACTTCCAGAGAAGGAGAAGCAGATTAAGAAACAACGGCTCTTGCTGAGCTGGTGAAGCACAAG  
 CCCAAGGCTACAGCGGAGCAACTGAAGACTGTCATGGATGACTTTGCACAGTTCTGGATACATGTTGCA  
 AGGCTGCTGACAAGGACACCTGCTTCTCGACTGAGGGTCAAACCTTGTCACTAGATGCAAAGACGCCTT  
 AGCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR209376 protein sequence  
 Red=Cloning site Green=Tags(s)

MKWVTFLLLLFVSGSAF SRGVFRREAHKSEIAHRYNDLGEQHFKGLVLI IAFSQYLQKCSYDEHAKLVQEV  
 TDFAKTCVADESAANCDKSLHTLFGDKLCAIPNLRENYGELADCCTKQEPERNECF LQHKDDNPSLPPFE  
 RPEAEAMCTSFKENPTTFMGHYLHEVARRHPYFYAPELLYYAEQYNEILTQCCAEADKESCLTPKLDGVK  
 EKALVSSVRQRMKSSMQKFGERAFAKAWAVARLSQTFPNADFAEITKLATDLTKVNKECCHGDLLLECADD  
 RAELAKYMCENQATISSKLQCCDKPLLKAHCLSEVEHDTMPADLPAIAADFVEDQEVCKNYAEAKDVF  
 LGTFLEYYSRRHPDYSVSLLLRLAKKYEATLEKCAEANPPACYGTVLAEFQPLVEEPKKNLVKTNCDLYE  
 KLGEYGFQNAIILVRYTQKAPQVSTPTLVEAARNLGRVGTCKCTLPEQRLPCVEDYLSAILNRVCLLHEK  
 TPVSEHVTKCCSGSLVERRPCFSALTVDETYVPKEFKAETFTFHSDICTLPEKEKQIKKQTLAELVKHK  
 PKATAEQLKTMDDFAQFLDTCCKAADKDTCFSTEGPNLVTRCKDALA

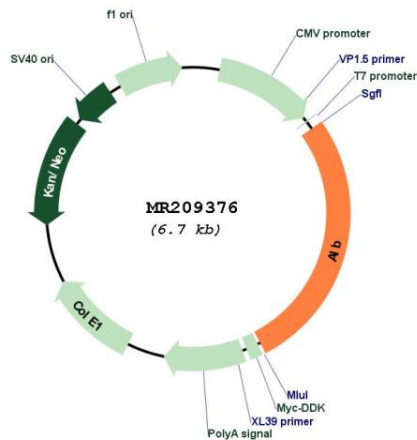
**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



RefSeq: [NM\\_009654.4](#)  
 RefSeq Size: 2043 bp  
 RefSeq ORF: 1827 bp  
 Locus ID: 11657  
 UniProt ID: [P07724](#)  
 Cytogenetics: 5 44.7 cM  
 MW: 68.7 kDa

**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]

### Product images:



Circular map for MR209376