

Product datasheet for **MC219482**

Abce1 (NM_015751) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abce1 (NM_015751) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Abce1
Synonyms:	C79080; Oabp; RLI; Rnaseli; RNS4I; RNS41
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219482 representing NM_015751
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGACAAATTAACAAGAATTGCTATTGTCAACCACGACAAATGCAAACCTAAGAAATGTCGACAGG
 AGTGCAAAAAGAGTTGCCCTGTGGTTCGGATGGGAAAATTGTGCATAGAAGTTACACCCAGAGCAAAAT
 AGCATGGATTTCTGAAACTCTCTGTATTGGTTGTGGTATTGTATTAAGAAATGTCCTTTGGCGCCTTA
 TCAATTGTCAATTTGCCAAGCAACTTGGAAAAAGAAACAACACATCGCTACTGTGCCAATGCCTTCAAGC
 TTCACAGGTTGCCTATCCCTCGTCCAGGTGAAGTTTTGGGATTAGTTGGAACATAAGTATTGGAAAGTC
 AACTGCACTAAAAATTTAGCAGGAAAACAAGCCAAACCTTGGAAAGTATGATGATCCACCTGATTGG
 CAAGAGATTTGACTTATTTCCGTGGATCTGAATTACAAAATTACTTTACCAAGATTCTCGAAGATGACC
 TAAAAGCCATTATCAAACCTCAATATGTAGACCAATTTCCAAGGCTGCAAAGGGGACAGTGGGCTCTAT
 TCTGGACCGAAAAGATGAAACAAAGACACAGGCAATTGTATGTCAGCAGCTTGATTTAACTCACCTTAA
 GAACGAAATGTCGAAGATCTTTCAGGAGGAGAGTTGCAGAGATTTGCTTGTGCTGTGCTTTGCATACAAA
 AGGCTGATATTTTATGTTTGTGAACTTCTAGTTACCTCGATGTCAAGCAACGTTTAAAGGCTGCCAT
 TACGATTCGATCTCTAATAAATCCAGATAGATATATCATTGTGGTGGAGCATGATCTAAGTATTAGAC
 TATCTCTGACTTCATCTGCTGTCTATATGGGTACCGAGTGCCTATGGTGTGTCACGATGCCTTTTA
 GTGTAAGAGAAGGCATAAATATATTTTTGGATGGCTATGTTCCAACAGAGAACCTGAGGTTACAGGATGC
 GTCGCTTGTTTTTAAGGTAGCTGAGACAGCAATGAAGAAGAAGTTAAAAAGATGTCATGTATAAATAT
 CCCGGGATGAAGAAAAGATGGGAGAGTTCGAGCTAGCAATTGTAGCTGGAGAGTTCACGGACTCTGAGA
 TCATGGTATGCTGGGGGAGAATGGTACAGGTAACACTACATTTATCAGAATGCTTGTGGAAGGCTTAA
 ACCAGATGAAGGAGGAGAAGTGCCAGTTCTAAATGTCAGTTATAAGCCACAGAAAATCAGTCCCAATCA
 ACAGGAAGTGTTCGCCAGTTACTGCATGAAAAGATCAGAGATGCTTACACGCATCCGCAGTTTGTGACTG
 ATGTAATGAAGCCCTACAGATTGAAAACATCATTGACCAAGAGGTACAGACATTGTCTGGTGGTGAAC
 TCAGCGAGTAGCTTAGCTCTTTGTTGGGCAACCTGCTGACGCTATTTGATTGATGAACCTTCTGCA
 TATTTGGATTCTGAGCAAAGATTAATGGCAGCTCGGGTCGCAACGTTTCTTCCATGCAAAGAAGA
 CAGCTTTTGTGTAGAACATGACTTCATCATGGCCACCTATCTAGCAGATCGCGTCATCGTTTTTGTG
 TGTTCCATCAAAGAACACAGTTGCAAACAGTCTCAGACTCTTTGGCTGGCATGAACAAATTTTGTCT
 CAGCTCGAAATTACATTCAGAAGAGACCCCAACAACACTACAGGCCAGGAATAAATAAGCTCAATTCATCA
 AGGATGTAGAACAAAAGAAGAGTGGAACTACTTTTTCTTGATGAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_015751
- Insert Size:** 1800 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_015751.2](#), [NP_056566.2](#)

RefSeq Size: 3813 bp

RefSeq ORF: 1800 bp

Locus ID: 24015

UniProt ID: [P61222](#)

Cytogenetics: 8 C1

Gene Summary: The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the OABP subfamily. Alternatively referred to as the RNase L inhibitor, this protein functions to block the activity of ribonuclease L. Activation of ribonuclease L leads to inhibition of protein synthesis in the 2-5A/RNase L system, the central pathway for viral interferon action. [provided by RefSeq, Jul 2008]