

Product datasheet for RN212636

Abca2 (NM_024396) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abca2 (NM_024396) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abca2
Synonyms:	Abc2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212636 representing NM_024396 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCTTCTGCACCAGCTGCAGCTGCTGCTCTGGAAGAACGTGACGCTGAAGCGCCGGAGCCCGTGGG
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_024396
- Insert Size:** 7305 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_024396.1](#), [NP_077372.1](#)

RefSeq Size: 8040 bp

RefSeq ORF: 7305 bp

Locus ID: 79248

UniProt ID: [Q9ESR9](#)

Cytogenetics: 3p13

Gene Summary: glycosylated ABC transporter that binds ATP in the presence of magnesium; may play an important role in brain function [RGD, Feb 2006]