

Product datasheet for **RN200649**

Abcc12 (NM_199377) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abcc12 (NM_199377) Rat Untagged Clone
Tag: Tag Free
Symbol: Abcc12
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200649 representing NM_199377
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGGCGAAGACCCGTACCTTATCTCAGACCTGGATCGCAGAGGCCGTCGGAGATCCTTTGCCGAGA
GATATGATCCCAGCCTGAAAACCATGATCCCAATGCGACCCTATGCAAGGCTGGCACCCAATCCTGTGGA
TGATGCGGGCTGCTGTCTTCCGACAGTTTCTGGCTCACACCTGTGATGATTGCAAGTTACAAGCAC
ACGCTGACCGTGGACACCTGCCTCCACTATCTCCTTAGACTCATCGGATGTCAATGCCAAGAGACTCC
AAATCCTTTGGGATGAAGAAATAGAAAGGTTAGGGCCGAGCGGGCCTCTTTGGGCCGTGTGGTTTGGAA
ATTCCAGAGGACCCGTGTTCTGATGGATGTTGTAGCCAACATTCTCTGCATCATCATGGCAGCCTTAGGG
CCGACAGTTCTCATTACCAAACTCCTCCAGCACGTTACCAACATCTCCTCCGGACACATCGGGATCAGCA
TCTGCTTGTGTCTGGCCCTTTTGGCACCGAGTTACCAAGTCTCTTCCGGCCCTTGGCTGGGCCAT
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AAGACATTAACCCACATCTCTGCAGGCGAGGTAATGTAATCGAGTGATAGTTATTCCTTGTGTTG
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CTGCCCTGTGGCATTAGTGTGATTGCCATGTTAATGTAATGAAGTTTCAATTGCAATCTTGCCCTT
CTCGGTCAAAGCAGTGGCCGAAGCCAGTGTCTCTAAGGAGAATGAAGAAAATCTTGTAGCTAAAAGT
CCCCATCCTACATCACCAACCAAGACCCAGATACTATCTTGCTTTTAGCAAATGCCACCCTGACAT
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GGCAGCCCAAGTCACTACTACACAACATCAGCTTTGTGGTGAGAAAGGAAAGTCTTGGGGATATGCG
GGAATGTTGGAAGCGGAAAGTTCCTCATTTCTGCTTCTAGGGCAGATGCAGTTACAGAAAGGGGT
CGTGGCTGCCAGTGGACCTTTGGCTTATGTTTCTCAGCAAGCTTGGATCTCCACGAAATGTGAGGGAG



AACATCTGTTTGGAGAGAAGTACAACCACCAAAGGTACCAACACACGGTTCATGTCTGTGGGCTCCAGA
 AGGATTTGAACAGCCTCCCTTATGGAGACCTGACTGAGATTGGGGAGCGGGGTGTGAACCTCTCCGGGG
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 CTCTCGGCAGTGGATGCCCATGTGGGGAAGCACGTCTTTGAAGAATGCATTAAAAAGACACTCAAGGGGA
 AGACTGTGGTGTGGTTACCCACCAGCTGCAGTTCCTGGAGTCTTGCATGAGGTCATTCTGTTAGAAGA
 TGGAGAGATCTGTGAAAAGGGCACCCACAAGGAGTTGATGGAAGAGAGAGGCCGCTATGCAAAGCTGATC
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 AGGAGAGCCAAGCTCAAAGGGATGAAGACGCTGTCTGGCTTCAGGAGATGAGAGAGATGAAGGAAAAGA
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 CAAGATCGTCAGCAGCCCAATGAGCTTCTTTGACACGACTCCACAGGCCGGCTAATGAACCGCTTTTCT
 AAAGATATGGATGAGCTAGATGTGAGGCTGCCATTTACGCTGAGAATTTTTTGCAGCAGTTTTCTATGG
 TGGTGTATTCTGGTGATTATGGCTGCCTCGTTTCTGTGTCCCTCGTGGTGTGGCTGGCCTGGCTAT
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 CGGTCCCCTTGGTTCTCTCACATCACCTCCTCCATGCAGGGTCTGGGTGTATCCATGCCTACGACAAAA
 AGGACGATTGCATCAGCAAGTTTAAAGGCCTCAATGATGAAAACCTCAGCCACCTCTTGTACTTTAACTG
 TGCACTCAGTGGTTTGTCTCAGAATGGACATCCTCATGAACATCGTCACCTTTGTCTGGCCTTGCTG
 GTGACCCTGAGCTTTTCTCAATCAGTGTCTTCAAAAAGGCTTGTCCCTGTCTTACATCATCCAGCTCA
 GTGGAGTCTTCAAGTGTGTGTGCGAACAGGAACAGAGACCAAGCCAAGTTCACCTCTGCAGAGCTAAT
 GAGGGAGTACATTTGACCTGTGTCCCTGAACACACTCAATCCTTCAAAGTGGGGACCTGTCCCAAAGAC
 TGGCCGAGCCGTGGGAGATAACTTTCAAGGACTATCGGATGAGATACAGAGACAACACCCCTCTCGTTC
 TCGATGGTTGAACCTGAACATCCAAAGCGGCAGACAGTTGGGATTGTGGGAAGAACGGGCTCTGGTAA
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 TTGTAGGTACAGTAAGGTACAATTGGATCCCTGGGGAGTCACACCGACGAGATGCTCTGGCATGTTTT
 GGAGAGAACATTCATGAGAGACACAATAATGAAACTCCCAGAGAAATTACAGGCAGAAGTACAGAAAAAC
 GGGGAAAACCTTCTCAGTAGGAGAAGCCAGCTGCTTTGTATGGCCCGGGCACTTCTCCGTAATCAA
 TCAATCTCCTTGATGAAGCTACTGCCTCCATGGATTCCAAGACGGACACCCTTGTTCAGAGCACCATAAA
 AGAGGCCTTCAAAGCTGCACAGTGTGACCATCGCTCATCGCCTAAACACTGTTCTCAACTGTGACCTT
 GTCCTGGTCATGGAAAATGGGAAGGTGATTGAGTTTGACAAGCCTGAAGTCTCGCTGAGAAGCCTGACT
 CTCATTTGCGATGTTACTAGCTGCAGAAGTTGGACTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_199377
- Insert Size:** 4101 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_199377.1](#), [NP_955409.1](#)

RefSeq Size: 4541 bp

RefSeq ORF: 4101 bp

Locus ID: 291923

UniProt ID: [Q6Y306](#)

Cytogenetics: 19p11

Gene Summary: member of the ATP-binding cassette (ABC) transporter family; human homolog is a candidate disease gene for paroxysmal kinesigenic choreoathetosis [RGD, Feb 2006]