

Product datasheet for **RN203757**

Abca5 (NM_173307) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abca5 (NM_173307) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abca5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203757 representing NM_173307 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTACTGCAATTAGGGATGTGGCGTTTGGAGACAGACCAGAACACTTCTTCTGAAGAATTACCTCG
TCAAATGCAGGACTAAAAAGAGTAGTGTTACAGAAATCTTTTCCTCTATTTTTCTTATTTTGGCTGAT
ATTAATTAGCATGATGCATCCAATAAGAAATATGAAGAAGTATCTGATATAGAAGTACAGCCCTATGGAC
AAATCCATCCTTTCCAACCTTATCCTGGGTACTCCAGTGACTAATACTACAAGCAGCGTCATGCAGA
GAGTTTCTACCGATCATCTTCCCGACGTTCTAGTTACTGAAGAATACGCCAGTGAGAAGGAGCTGTGGC
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GAAGACCAATGTTTCTGTGGAGGGAGCTGGAGTCAACCAAAGCTGTCATCATGGGGAAAGCTGCGGT
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GCCACAGTGAACAGGAAAAAGCACACTAATGAATATTCTGTGTGGACTGTGCCACCTTCTGATGGGTT
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TGTCCACAGTCAGATATGAACTTTGATGTTCTGACAGTAGAAGAAAATTTATCAATTTTGGCTTCAGTCA
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TTACACCTTCTGCATAGCCATCCAATCTACCCGCTCCTGGGTTGTCTGATTTCTTTCATAAAGGTTCT
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CTGTTGGGTCAAATGGTGTGCAAAAAGCAGCATTATTAATATTTCTGTTGGGGATGTTGAACCAACT
CAGGCAAGATATTTCTAGGAGATTATGGTTCACATTCAAATGAAGATGATGAATCCACCAAGTGTATGGG
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GTGAAAGGGATGAGTTTCAAGTGACATGAAGGAAGTAATCAGTCGAATAACAAAAGCCCTGATTTGAAAG
AACATCTTCAGAAAACGTAAAGAACTCCCTGCAGGGATCAAGCGAAAGCTGTGTTTTGCTCTCAGTAT
GCTGGGGAATCCTCAGGTGACACTGCTGGATGAGCCGCTACAGGTATGGACCCAGAGCCAAACAGCAC
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ACAACATCTAAAGAGCAAGTTTGGCAAAGGCTACTTTTTAGAAATTAAGTAAAGGACTGGATAGAAAAAC
CTGAAAATAGATCGCCTTCAAAGAGAAATCAATATATTTTCCAAATGCAAGCCGCAAGAGAGCTTCT
CTTCTATTCTGGCTTAAAAATCCAAAAGAAGATGTCCAGTCTCTCTCACAGTCTTTGCTAAGTTGGA
GGAAGCAAACACACTTTTGCATTGAAGAATACAGCTTTTCTCAAGCAACCCTGGAACAGGTTTTTGTGA
GAACTTACTAAGGAGCAGGAGGAGGAAGATAATAGCTGCGGGACTTTAAACAGCACGCTCTGGTGGGAAA
GAAGGCAGGAAGACAGAGTCGTGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_173307
Insert Size:	4929 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:	<ol style="list-style-type: none">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_173307.1 , NP_775429.1
RefSeq Size:	5170 bp
RefSeq ORF:	4929 bp
Locus ID:	286970
UniProt ID:	Q8CF82
Cytogenetics:	10q32.1
Gene Summary:	ATP-binding cassette (ABC) transporter [RGD, Feb 2006]