

Product datasheet for **SC122517**

ATP8B3 (BC033179) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ATP8B3 (BC033179) Human Untagged Clone
Tag:	Tag Free
Symbol:	ATP8B3
Synonyms:	ATPIK
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC033179 edited
GAAGAAATGGCAGGATCTGTGCGTGGGGGATGTGGTCTGTCTCCGCAAGGACAACATCGT
CCCAGTGAGCTGGGGTTGACCCCGAGGTCCCAGAACACGCGCCCCCTCACCGAGAGCAC
CCCTCCAGGGTGGGGAGGGCTGCCGCACCCCCAATTTGTCTTGTCATCCCTCTTGCAAC
GCTGCCCCCACTCCACACCAGGCCGACATGCTCTTGCTGGCCAGCACGGAGCCCAGCAG
CCTGTGCTATGTGGAGACGGTGGACATTGACGGGGAGACCAACTTGAAGTTCAGACAGGC
CCTGATGGTCACCCACAAAGAACTGGCCACTATAAAGAAGATGGCGTCCTTTCAAGGCAC
AGTGACGTGTGAGGCGCCTAACAGTCGGATGCACCACTTCGTGGGGTGCCTGGAATGGAA
TGACAAGAAATACTCCCTGGACATTGGCAACCTCCTCCTCCGAGGCTGCAGGATTCGCAA
CACAGACACCTGCTATGGACTGGTCATTTATGCTGGTTTTGACACAAAAATTATGAAGAA
CTGTGGCAAGATCCATTTGAAGAGAACCAAGCTGGACCTCCTGATGAACAAGCTGGTGGT
TGTGATCTTCATCTCCGTGGTGTCTGTGCTGGTGTGGCCTTCGGCTTCGGTTTCTC
AGTCAAAGAAATCAAAGACCACCACTACTACCTCTCGGGGTGCATGGGAGCAGCGTGGC
CGCAGAGTCCTTCTCGTCTTCTGGAGCTTCTCATCCTGCTCAGCGTCACCATCCCGAT
GTCCATGTTTCATCTGTCCGAGTTCATCTACCTGGGGAACAGCGTCTTCATCGACTGGGA
CGTGACAGATGTACTACAAGCCGACGAGCTGCCTGCCAAGGCCCGCAGCACCAAGCCTCAA
CGACCACCTGGGCCAGGTGGAATACATCTTCTCGGACAAGACGGGCACGCTCACGCAGAA
CATCTTGACCTTCAACAAGTGTGCATCAGCGGCCGCTATGGTGGCGCCCGACACC
TGAGCTCCCAGCTGGGTCTCGATCTTCAAGGGGCTCAGGGTGCCTGAGAACCAGAGCCA
CGTCTGGCCCCATGCCAGCACCTCCGCCCAATCTGAACCAGGGAACCGTAGCCAGATG
GCCTGGTTTCCTTTGGAGGGGGCCAGGAAAAATTTTTTTTTTTTTTTTGGAGCAGAGTCT
CACTCTGTCTACCCAGGCAGGAATGCAGTGGTGAATCTTGGCTCACTGCAATCTCCACC
TCCCAGTTCAAGCGATTCTCCTGGCTCAACCTCCCGAGTAGCTGGGATTACAGGCACCT
GCCACCACACCTAATTTTTTTGTATTTTATAGCAGAGATGGGGTTTCACCATGTTGGCCAT
GCTGGTCTTGAACCTCTGGCCTCCGGCGATCCACCTGCCTCGGCCTCCCAAAGTGTGGG
ATTACAGGCGTGAGCCACCACGCGCGGCGACTTTTTTTTTTTTTTTTCTCTGAGACG
GAGTTTGTCTCTCGTTGCCAGGCTGGAGTGCAGTGGTGCATCTCTGCTCACTGAAACC
TCCGCCTCCTGGGTGATTCTCCCGCTCAGCCTCCCAAGTAGCTGGGATTACAGTTGCG
TGCCACCCCGCTGGCTAATTTTTGTATTTTTCAGTAGAGATGGGGTTTCACCT
GTTTCCCAGGCTGGTCTCGAACTCCTGACTTCAGGTGATCTGCCTGCCTCAGCCTCCAAA
ATATTGGCATTGCAGGCATGAGCCACCACCTAGCCAACTTTTAAACAGTGTGTATTT
ATTTATTTTTTGAGATGGGGTCTTGCTCTGCCGCCAGGCTGGAATGCAGTGGTGAATC
ATAGCTTATTGCAGCCTCGAATTCCTGGGCTCAAGCAATCCTCCCACTTCAGCTTCCCAA
GTAGCCGGGACTATAGGAGAGTGCCACCTACCCAGCTTATTTTTGTATTTTTGTCAAG
ACAGGGAATCCCTATGTTGCCAGGCTGGTCTTGAACCTCCTGGGCTTAAGCGATCCGCCT
GCCTCCGCTTTTCAAAGCACTGGAATTACAGATGTGAGCCACCACCCGGCCACTGCTC
TTCTTTTGACTTTCAAGCCTTTATTTGTGGATGCTGAAATTCGAATTGCTGAGATTT
CTCAGATCACAAAATAAAATAGTTTTGTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC033179 unedited <pre> NNNNNNAAGTACACAATTTGTATACGACTCACTATAGGGCGGCCGCAATTCGCACGAGG GAAGAAATGGCAGGATCTGTGCGTGGGGGATGTGGTCTGTCTCCGCAAGGACAACATCGT CCCAGTGAGCTGGGGTTGACCCCGAGGTCCCAGAACACGCGCCCCCTCACCGAGAGCAC CCCTCCCAGGTGGGGAGGGCTGCCGCACCCCAATTTGTCTTGCATCCCCTCTTGCAACG CTGCCCCCACTCCACACCAGGCCGACATGCTCTTGCTGGCCAGCACGGAGCCCAGCAGC CTGTGCTATGTGGAGACGGTGGACATTGACGGGGAGACCAACTTGAAGTTCAGACAGGCC CTGATGGTCACCCACAAAGAACTGGCCACTATAAAGAAGATGGCGTCCTTTCAAGGCACA GTGACGTGTGAGGCGCCTAACAGTCGGATGCACCACTTCGTGGGGTGCCTGGAATGGAAT GACAAGAAATACTCCCTGGACATTGGCAACCTCCTCCTCCGAGGCTGCAGGATTCGCAAC ACAGACACCTGCTATGGACTGGTCATTTATGCTGGTTTTGACACAAAAATTATGAAGAAC TGTGGCAAGATCCATTTGAAGAGAACCAAGCTGGACCTCCTGATGAACAAGCTGGTGGTT GTGATCTTCATCTCCGTGGTGTGTCTGCCTGGTGTGGCCTTCGGCTTCGGTTTCTCA GTCAAAGAATTCAAAGACCACCACTACTACCTCTCGGGGGTGCATGGGAGCAGCGTGGCC GCAGATCCTTCTTCGTCTCTGGAGCTCCTCATCCTGCTCAGCGTCACCTCCCCATGTCC ATGTTTCATCCTGTCCG </pre>
Restriction Sites:	Please inquire
ACCN:	BC033179
Insert Size:	2225 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:	BC033179.1
RefSeq Size:	2225 bp
Locus ID:	148229
Cytogenetics:	19p13.3
Protein Families:	Transmembrane

Gene Summary:

The protein encoded by this gene belongs to the family of P-type cation transport ATPases, and to the subfamily of aminophospholipid-transporting ATPases. The aminophospholipid translocases transport phosphatidylserine and phosphatidylethanolamine from one side of a bilayer to the other. This gene encodes member 3 of phospholipid-transporting ATPase 8B; other members of this protein family are located on chromosomes 1, 15 and 18. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]