

Product datasheet for **SC307739**

ATP9B (NM_198531) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ATP9B (NM_198531) Human Untagged Clone
Tag:	Tag Free
Symbol:	ATP9B
Synonyms:	ATPASEP; ATP1IB; hMMR1; HUSSY-20; NEO1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307739 representing NM_198531. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGCGGACCAGATCCCGCTTTACCGGTGCGTAGCGCAGCGCGGCCGAGCCAACCGCAAACGCGCG
 GCCTACTACAGCGCCGCGGGGCCAGGCCGGGAGCCGACCGGCACAGCAGGTACCAGCTGGAGGATGAG
 TCTGCGCATTTGGATGAAATGCCACTAATGATGTCTGAAGAAGGCTTTGAGAATGAGGAAAGTGATTAC
 CACACCTTACCACGAGCCAGGATAATGCAAAGGAAAAGAGGACTGGAGTGGTTTGTCTGTGATGGCTGG
 AAGTTCCTCTGTACCAGTTGCTGTGGTTGGCTGATAAATATTTGTGAAGAAAGAAAGAGCTGAAAGCT
 CGCACAGTATGGCTTGGATGTCTGAAAGTGTGAAGAAAACATCCCAGGAATTCATAAAAAATCAA
 AAATACAATGTGTTTACCTTTATACCTGGGTTTTGTATGAACAATCAAGTTTTCTTGAATCTCTAT
 TTTCTAGTAATATCCTGCTCACAGTTTGTACCAGCATTGAAAATAGGCTATCTCTACACCTACTGGCT
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 GACATACAAGTTGGAGACCTCATCATAGTGAAAAAGAAATCAAAGAATCCATCGGACATGGTGTTTCTT
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 AAGGTTGGTTTGTGGACCTTGAACCTCGGCTGACGAAAGCGCTATTTTTGGCTTTAGTTGCTCTT
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 CGCCTGGTGTATTTATTGACAGACAAAACAGGAACCTCACCCAGAATGAAATGATATTTAAGCGGCTG
 CACCTGGGCACCGTGTCTATGGCGCCGACACGATGGATGAGATCCAGGCCATGTCAGGGACTCCTAC


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TCACAGATGCAGTCTCAAGCTGGTGAAACAATACTGGTTCAACTCCACTAAGAAAAGCCCAATCTTCA
GCTCCCAAAGTTAGGAAAAGTGTCTAGTCTGAATCCATGAAGCCGTGAAAGCCATCGTGCTGTGCAC
AACGTGACCCCGTGTATGAGTCTCGGGCCGGCTTACTGAGGAGACTGAGTTCGAGAGGCTGACCAA
GACTTCAGTGATGAGAATCGCACCTACCAGGCTTCCAGCCCGATGAGGTCGCTCTGGTGCAGTGGACA
GAGAGTGTGGGCTCACGCTGGTCAGCAGGACCTCACCTCCATGCAGCTGAAGACCCCAAGTGGCCAG
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AGGGATGAATCCACGGCAGAAATCACATTCTACATGAAGGGCGCTGACGTGGCCATGTCCTATCGTG
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GCAAAGAAGGCGTTGACAGAGGAGCAGTACCAGGACTTTGAGAGCCGATACACTCAAGCCAAGCTGAGC
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AATGCATTTTGAAGGAAGCATGATTGTGCACTAGTCATATCTGGGACTCTCTGGAGTTTGTCTAAAG
TACTACGAGCATGAATTTGTGGAGCTGGCCTGCCAGTGCCTGCCGTGGTTTGTGCCGCTGCTCACCC
ACCCAGAAGGCCGCTTGTGCACTGCTGCAGCAGCACAGGGAGACGCACCTGCGCCATCGGTGAT
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CAGGCCTCGTGGCGGCCGACTTCTCCATCACGCACTTCCGGCACATAGGCAGGCTGCTCATGGTGAC
GGGCGAACAGCTACAAGAGGTGCGCGGCACTCGGCCAGTTTCGTATGCACAGGGGCTTATCATCTCC
ACCATGCAGGCTGTGTTTTCTCAGTCTTCTACTTCGCATCCGTCCTTTGTATCAGGGCTTCTCATG
GTGGGGTATGCCACCATATACCATGTTCCAGTGTTCTCCTTAGTGCTGGACAGGACGTGAAGCCA
GAGATGGCGATGCTCTACCCGGAGCTGTACAAGGACCTCACCAAGGGAAGATCCTGTCTTCAAAACC
TTCCTCATCTGGGTTTTAATAAGTATTTACCAAGGCGGCATCCTCATGTATGGGGCCTGGTCTCTTC
GAGTCTGAGTTCTGTCACGTGGTGGCCATCTCCTTCACCGCACTGATCCTGACCGAGCTGCTGATGGTG
GCGCTGACCGTCCGCACGTGGCACTGGCTGATGGTGGTGGCCGAGTTCTCAGCTTAGGCTGCTACGTG
TCCTCACTCGTTTTCTCAATGAATATTTTGGTATAGGCAGAGTGTCTTTTGGAGCTTCTTAGATGTT
GCCTTTATCACCACTGACCTTCTGTGAAAGTGTGCGCATCACCGTGGTCAGCTGCCTCCCGCTG
TATGTCCTCAAGTACCTGAGGCGCAAGCTCTCTCTCCAGCTACTGCAAGCTGGCCTCC**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_198531
Insert Size:	3444 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_198531.4

RefSeq Size: 4500 bp

RefSeq ORF: 3444 bp

Locus ID: 374868

UniProt ID: O43861

Cytogenetics: 18q23

Protein Families: Transmembrane

MW: 129.3 kDa