

Product datasheet for RC212384

ATP9B (NM_198531) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ATP9B (NM_198531) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ATP9B
Synonyms:	ATPASEP; ATP1IB; hMMR1; HUSSY-20; NEO1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC212384 representing NM_198531 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGACCAGATCCCCTTTACCCGGTGCCTAGCGCAGCGCGGCCGAGCCAACCGCAAACGCGCGG
CCTACTACAGCGCCGGGGCCAGGCCGGGAGCCGACCGGCACAGCAGGTACCAGCTGGAGGATGAGTC
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AGTATGGCTTGGATGTCCTGAAAAGTGTGAAGAAAACATCCCAGGAATTCATAAAAAATCAAAAATAC
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GGCGCCGACACGATGGATGAGATCCAGAGCCATGTCAGGGACTCCTACTCACAGATGCAGTCTCAAGCTG
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Protein Sequence: >RC212384 representing NM_198531
Red=Cloning site Green=Tags(s)

MADQIPLYPVRSAAAAAANKRAAYSAAGPRPGADRHSRYQLEDESAHLDEMPLMMSEEGFENEESDYH
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 RAGVTEETEFAEADQDFSDENRTYQASSPDEVALVQWTESVGLTLVSRDLTSMQLKTPSQVQLSFCILQL
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 LVLDQDVKPEMAMLYPELYKDLTKGRSLSFKTFLIWWLISIYQGGILMYGALVLFESFVHVVAISFTAL
 ILTELLMVALTVRTWHWLMVVAEFLSLGCYVSSLAFLNEYFGIGRVSFAGFLDVAFITTVTLFWKVSAIT
 VVSCPLPYLKYLRRLKLSPPSYCKLAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8013_h01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

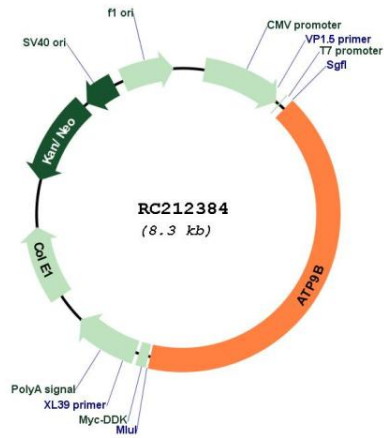


ACCN: NM_198531

ORF Size: 3441 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_198531.5
RefSeq Size:	4378 bp
RefSeq ORF:	3444 bp
Locus ID:	374868
UniProt ID:	O43861
Cytogenetics:	18q23
Protein Families:	Transmembrane
MW:	129.1 kDa

Product images:



Circular map for RC212384