

Product datasheet for **RN211925**

Atp5f1d (NM_139106) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Atp5f1d (NM_139106) Rat Untagged Clone
Tag: Tag Free
Symbol: Atp5f1d
Synonyms: Atp5d
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211925 representing NM_139106
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTGCCCGCCGATTGCTTCGTCACCCAGGTCTGCGCCGTCTGGTGTCCAGGCGGTACGTACGCC
AGGCCGCGCCTCACCTGCCCGCCGCTGGGCCTGGACAGATGTCTTACCTTCGCCTCCCCGACGCA
GGTGTCTTTGATGGTGCCAATGTCGGCAAGTGGATGTGCCTACGCTGACTGGAGCCTTTGGCATCTG
GCATCCCATGTCCCACACTACAGGTCCTACGGCCTGGGCTGGTAAATGGTTCATGCGGAAGATGGCACCA
CAACTAAGTATTTGTGAGCAGCGGCTCCGTCACTGTGAATGCGGACTCCTCTGTGCAATTAAGTACTGTA
AGAAGTCGTGACTGGACATGTGGACCTCGGGCAGCCCGGGCAAACCTGGAGAAGGCGCAGTCAGAG
CTGTCAGGGGCAGCAGATGAGGCAGCACGGGCTGAGATCCAAATCCGGATCGAGGCCAATGAAGCCCTGG
TGAAGCCCTGGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_139106
Insert Size: 507 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).



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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:	<u>NM_139106.1</u> , <u>NP_620806.1</u>
RefSeq Size:	811 bp
RefSeq ORF:	507 bp
Locus ID:	245965
UniProt ID:	<u>P35434</u>
Cytogenetics:	7q11
Gene Summary:	maintains structural stability of F1 moiety of ATP synthase [RGD, Feb 2006]