

## Product datasheet for **MR227882**

### **Atp5j (NM\_001302214) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Atp5j (NM\_001302214) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Atp5j  
**Synonyms:** Atp5pf; CF6  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR227882 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTTCTGCAGAGGATCTTCAGGCTCTCCTCTGTCTTCGGTCAGCAGTCTCTGTGCATTTGAAGAGGA  
ACATTGGTGTACAGCTGTGGCCTTTAATAAGGAACTTGATCCTGTACAGAACTCTTCGTGGACAAGAT  
AAGAGAGTACAAATCAAAGCGCAGGCATCTGGAGGACCTGTTGATATTGGCCAGAGTATCAGCAAGAT  
CTGGACAGAGAGCTTTAAGCTTAAACAAATGTATGGTAAAGGAGAGATGGATACATTTCTACCTTCA  
AATTTGATGATCCAAATTTGAAGTCATCGACAAACCCAGTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR227882 protein sequence  
Red=Cloning site Green=Tags(s)  
MVLQRIFRLLSSVLRSAVSVHLKRNIGVTAVAFNKELDPVQKLFVDKIREYKSKRQASGGPVDIGPEYQQD  
LDRELYKLLKQMYGKGEMDTFPTFKFDDPKFEVIDKPQS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI



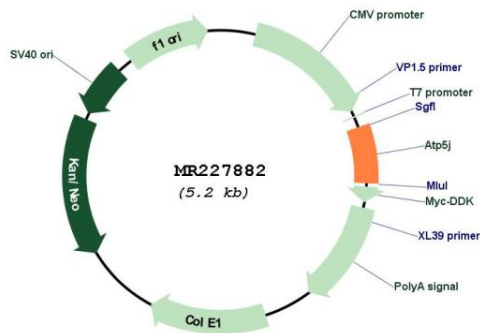
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**Locus ID:** 11957  
**UniProt ID:** [P97450](#)  
**Cytogenetics:** 16 C3.3  
**MW:** 12.5 kDa

**Gene Summary:** The protein encoded by this gene is a component of mitochondrial adenosine triphosphate synthase, which catalyzes the conversion of ATP from ADP. Mitochondrial adenosine triphosphate synthase consists of extrinsic and intrinsic membrane domains that are joined by a stalk. The protein encoded by this gene is a subunit of the stalk domain. A bi-directional promoter that drives expression of this gene has been identified. Pseudogenes of this gene are found on chromosomes 14 and 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]

### Product images:



Circular map for MR227882