

Product datasheet for **RN211906**

Atp23 (NM_001134466) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Atp23 (NM_001134466) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Atp23
Synonyms:	Xrcc6bp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211906 representing NM_001134466 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGGGAGCTCCGGGAGGCGGCGAGCCAGGCCCTGAAGCAGGCGAGCCGCTGCTGCAGCGATCCGACT
 CAGGCCAGGGCTCGTCCGAGCCACCGGCTCAGGGGAAGTCCCAGCAGGGCTTCCTTCCAGCCTCTTCAC
 CCGGGATCAGAGTTGTCCGCTCATGCTCTGAAGACGCTGGAGACGAATCCGTATGTCAAGCTTCTACTT
 GATGCTATGAAACATTACAGTTGTGCCGTGAACAGGGGAAGGCACTTTCTGCGAAGTCTGTGATGGCA
 ACGTCAGCGGAGGCTTTGATGCGTCCACGTCTCAGATTGTTTTGTGCGAGAACAAATATCCGAAATCAGGC
 ACATATGGGCAGGGTTGTACCCACGAGCTCATTACGCGTTTGACCATGCGGGGCCACGTCCACTGG
 TTCACCAACGTCCACCACCTGGCGTGCTCGGAGATCCGAGCTGCGAGCCTCAGTGGGGACTGCTCACTGG
 TGAACGAGCTTCTCAGGCTGCGTTTTGGATTAACAACACCATCAGACTTGTGTGCGAGACAGAGCTGT
 TCTGTCTATCTTGGCGGTCCGGAACATCAGCAGAGAAGAGGCCAGAAAGCCGTGGATGAAGTCTTCCAG
 GCCTGTTTCAATGACCGAGAACCCTTTGGCAGGATCCCGCATAACAAGACGTATGCCAGATACGCTCACA
 GGGACTTTCAGAACCGTGGTCGCTACTACTCGAACATATGA

AC**GGGCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-NotI
ACCN:	NM_001134466
Insert Size:	741 bp


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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:	<u>NM_001134466.1, NP_001127938.1</u>
RefSeq Size:	1081 bp
RefSeq ORF:	741 bp
Locus ID:	299828
Cytogenetics:	7q22