

Product datasheet for **RN200040**

Ak6 (NM_001012463) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ak6 (NM_001012463) Rat Untagged Clone
Tag: Tag Free
Symbol: Ak6
Synonyms: AK/ATPase
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200040 representing NM_001012463
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCTTCGAACATCCTGCTACCCGTACACCAGGGTTGGAAAAACCACACTAGGCAAGAAGCTTG
CATCAAGATCAGGCCTGAAGTACGTTAATGTGGGAGATCTAGCTCGGGAAGGGCACTTGTACGATGGCTA
TGATGAGGAGTATGGCTGCCCATCCTAGATGAGGACAGGGTTGTGGACGAGTTAGAGCCTCAGATGACA
GAGGGCGCGTGATCGTTGATTACCACGGTTGTGATTTCTTTCCTGAACGCTGGTTCCATATAGTGTTCG
TGTTGAGGACAGACAATGGTATATTGTACAAACGACTTGAACAAGGGGTTATCACGAGAAGAACTACA
AGATAATATTCAGTGTGAGATTTTCAAGTTCTCTATGAAGAAGCCATGGCATCTTACAAAGAAGAATT
GTGCATCAGCTGCCAGTAACGAGCCAGAGCAGCTAGAGGACAATATCAACCAAATCTCAAAGTGGATCG
AGCAGTGGGTGAAAGACCACAACCCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001012463
Insert Size: 519 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_001012463.3, NP_001012481.1</u>
RefSeq Size:	995 bp
RefSeq ORF:	519 bp
Locus ID:	102238592
UniProt ID:	<u>Q5EB68</u>
Cytogenetics:	2q12
Gene Summary:	human homolog is a subunit of of transcription initiation factor TFIID; binds to the basal transcription factor GTF2B as well as to several transcriptional activators [RGD, Feb 2006]