

Product datasheet for RN201194

Adk (NM_012895) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Adk (NM_012895) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Adk
 Synonyms: AK
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN201194 representing NM_012895
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCAGCTGCGGACGAGCCGAAGCCCAAGAAGCTCAAGGTGGAAGCGCCAGAAGCGCTGAGTGAAAATG
 TGCTGTTTGGAAATGGGAATCCTCTTCTTGACATCTCTGCTGTGGTAGACAAAGATTTCTTGATAAGTA
 TTCTCTGAAACCAACGACCAGATCTTGGCCGAAGACAAGCACAAGGAATTGTTTGATGAACTTGTAAAA
 AAATTCAAAGTTGAATATCATGCCGGTGGTCCACGCAGAATCAATGAAAGTGGCTCAGTGGATGATTC
 AGGAGCCACACAGAGCAGCAACGTTCTTCGGATGCATTGGGATAGATAAGTTCGGGGAGATCCTGAAGAG
 CAAAGCCGCAGATGCACACGTGGACGCCATTACTATGAGCAGAACGAGCAGCCACAGGAACGTGCGCT
 GCATGCATCACCGGTGGCAACCGGTCTCTTGTGCTAACCTTGCTGCCGCAATTGTTATAAGAAAGAAA
 AGCACCTTGATCTGGAGAACAACCTGGATGTTGGTAGAGAAAGCCAGAGTTTACTACATAGCTGGCTTCTT
 TCTCACCGTCTCCCAGAGTCAGTGTGAAAGTGGCTCGCTATGCTGCCGAGAACAACAGGACCTTCACT
 CTGAACCTGTCCGACCGTTCATTAGCCAGTCTTCAAGGAAGCCTTGATGGAAGTCATGCCTTATGTTG
 ACATCCTCTTTGAAATGAGACGGAGGCTGCCACTTTTGCTAGAGAGCAAGGCTTTGAGACTAAAGACAT
 TAAAGAAATAGCCAGAAAGACGCAGGCTCTTCCAAGGTGAACTCGAAGAGGCAGAGGACCGTGATCTTC
 ACCCAAGGGAGAGATGACACTATAGTGGCTACAGGAAATGATGTCACTGCTTTCCCTGTCTTGGATCAAA
 ACCAGGAAGAGATCGTTGACACCAATGGAGCTGGAGATGCATTTGTAGGAGGTTTCTGTCTCAGCTGGT
 CTCCAACAAGCCTCTGACTGAATGCATCCGGGCCGGGCACTATGCAGCGAGCGTCATCATTAGGCGAACT
 GGCTGTACTTTTCTGAGAAGCCAACTTCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_012895



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Insert Size:	1086 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).
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_012895.3, NP_037027.2</u>
RefSeq Size:	1763 bp
RefSeq ORF:	1086 bp
Locus ID:	25368
UniProt ID:	<u>Q64640</u>
Cytogenetics:	15p16
Gene Summary:	catalyzes the phosphorylation of purine nucleosides; plays a role in adenosine metabolism [RGD, Feb 2006]