

Product datasheet for RN209413

Ada (NM_130399) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ada (NM_130399) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ada
Synonyms:	MGC108610
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209413 representing NM_130399 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCCAGACGCCCGCATTCAACAAGCCCAAAGTAGAGCTGCACGTCCACCTGGATGGAGCCATCAAGC
CAGAAACCATCTGTACTATGGCAAGAAGAGGAATCGACCTCCCGGCAGATACAGTGGAGGGACTACG
CAACATTATCGGCATGGACAAGCCTCTCTCGCTCCCAGACTTCCCTGGCCAAGTTCGATTACTACATGCCT
GCCATCGCGGGCTGCAGGGAGGCCATCAAGAGAATCGCCTATGAATTTGTGGAGATGAAGGCAAAGGAAG
GCGTGGTGTACGTGGAAGTTCGCTACAGCCACACCTGCTGGCCAACCCAAAGTGGACCAATCCCTG
GAACCAGGCCGAAGGAGACCTCACCCCTGATGAGGTTGTGGATCTTGTAACCAGGGCCTGCAGGAGGGA
GAGCAAGCATTCCGCATCAAGGTCCGGTCCATCTGTGCTGCATGCGCCACCAGCCAGCTGGTCCCTG
AGGTGTTGGAGCTGTGTAAGAAGTACCATCAGAAGACCGTGGTGGCTATGGACTTGGCTGGGGATGAGAC
CATTGAAGGAAGCAGCCTTTCCCGGCCACGTGGAAGCCTACGAGGGTGCAGTGAAGGATGGCATTAC
CGGACTGTCCATGCTGGAGAGGTGGCTCTGCTGAGGTGGTGGAGAGGCTGTGGACATACTCAAGACAG
AGAGAGTGGGGCACGGTACCACACAATAGAGGATGAAGCCCTCTACAACAGGCTACTGAAAGAAAACAT
GCACTTTGAGGTCTGCCCTGGTCCAGCTACCTACTGGCGCTGGAATCCCAAAACGACGCATGCAGTT
GTTTCGTTCAAAGATGATCAGGCCAACTACTCCCTCAACTCGGACGACCCCTCATCTTCAAGTCCACCG
TGGACACTGACTACCAGATGGTAAAAAAGACATGGGCTTCACTGAAGAGGAGTTCAAGAGACTGAACAT
CAATGCGGCGAAGTCAAGCTTCTCCCAGAGGACGAGAAGAAGGAACCTTCTGGAACGGCTCTACAAGGAA
TACCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_130399



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Insert Size:	1059 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_130399.2, NP_569083.1</u>
RefSeq Size:	1417 bp
RefSeq ORF:	1059 bp
Locus ID:	24165
UniProt ID:	<u>Q920P6</u>
Cytogenetics:	3q42
Gene Summary:	catalyzes the conversion of adenosine to inosine in adenosine metabolism; may act as a neuromodulator in sleep-wake regulation [RGD, Feb 2006]