

Product datasheet for RN214639

Acy1 (NM_001005383) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acy1 (NM_001005383) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Acy1
Synonyms:	Acy1a; Acy1b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214639 representing NM_001005383 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACCAGCAAGGTTCCCGAGGAGGAGCACCCATCGGTGACGCTCTTCCGCCAGTACCTGCGCATCTGCA
CTGTGCAACCCAATCCTGACTATGGGAGTGCAGTACCTTCTTGAGGAGAGAGCCGCCAGCTGGGTCT
GAGCTGTCAGAAAATAGAGGTGGCGCCTGGCTATGTGATCACTGTGCTGACTTGGCCAGGCACCAACCCG
TTGCTTCAATTCATCTTGCTAAACTCCACACAGATGTGGTACCTGTCTTCAAGGAGCATTGGCATTACAG
ACCCCTTTGAAGCCTTCAAGGATTCCGAGGGCTACATCTATGCTAGGGGCGCCAGGACATGAAGAGTGT
CAGCATCCAGTACCTGGAGGCCGTGAGAAGGCTGAAGAGCGAGAGCCACCGGTTCCCCAGAACCATCCAC
ATGACATTTGTGCCTGACGAGGAGGTCCGAGGTCACAAGGGATGGAGTTGTTTGTGAAGAGGCCTGAGT
TCCAGGCTCTGCGGGCAGGCTTTGCTCTGGATGAGGGCCTGGCCAACCCACTGATGCCTTACCCTTTT
TTATAGTGAACGGAGTCTTGGTGGATACGGTTACCAGCACTGGGAAGCCAGGCCATGCCTCACGCTTC
ATTGAAGATACAGCAGCTGAGAAGTTGCATAAGGTTGTAACCTCCATCTTGGCATTCCGGGAGAAGGAGA
GGCAGAGGCTGCAGGCGAACCCTCACCTGAAGGAAGGGCCGTGACTTCGGTGAATCTGACTAAGCTCGA
GGGTGGTGTGGCCTATAATGTGGTACCTGCTACCATGAGTGCCTGTTTGACTTCCGAGTGGCGCCAGAT
GTAGACATGAAGGCCTTCGAGAAGCAGCTGCAGAGCTGGTGCCAGGAAGCGGGAGAGGGGTACCTTTG
AGTTTGTCTCAGAAGTTTACAGAGCCTCGAATGACACCCACTGATGATACGGACCCCTGGTGGCAGCTTT
CAGCGGGCCTGCAAGGAAATGAACCTCACTCTGGAGCCGGAGATCTTCTGCTGCCACTGACAGCCGT
TATATCCGAGCGGTGGGATCCCAGCTCTGGGCTTCTCGCCATGAACCGCACACCCGTGTTACTACATG
ACCATAACGAACGACTGCACGAGGCTGTGTTTCTACGTGGAGTTGACATATACACGCCTAGTTGCTGC
ACTTGCTAGTGTGCCGCTCTGCCTGGTAAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001005383
Insert Size:	1227 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_001005383.1</u> , <u>NP_001005383.1</u>
RefSeq Size:	1356 bp
RefSeq ORF:	1227 bp
Locus ID:	300981
UniProt ID:	<u>Q6AYS7</u>
Cytogenetics:	8q32
Gene Summary:	enzyme that displays aminoacylase and/or metallopeptidase functions; may be involved in amino acid metabolism [RGD, Feb 2006]