

## Product datasheet for MC200771

### Acy1 (NM\_025371) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Acy1 (NM\_025371) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Acy1  
**Synonyms:** 1110014J22Rik; Acy-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC005631 sequence for NM\_025371  
 CCCACGCGTCCGCCGGGCGGTTTTGAGATTGGGAGCGACCTCGGTGGACCCTGAGTTCGGGCCACAGTCT  
 GAGAGGAGAGCACAGGACTGAGACGTGGAGAGAGCAAGCCAGCACGCGGCCCATGACCACCAAGGATCC  
 CGAGTCTGAGCACCCCTCCGTGACGCTCTTCCGCCAGTACCTGCGCATCTGCACTGTGCAACCAATCCA  
 GACTATGGAGGGGCCATCACCTTCTGGAGGAGAGAGCCCGCCAGCTGGGTCTGAGCTGTGAGAAAATAG  
 AGGTGGTGCCTGGCTTTGTGATCACTGTGCTGACCTGGCCAGGCACCAACCCGCTCACTCCCTCCATCTT  
 GCTAAACTCCCACACAGATGTGGTACCTGTCTTCAAGGAACATTGGCATCACGACCCCTTTGAGGCCTTC  
 AAGGATCCGAGGGCTACATCTATGCTAGGGGCTCCCAGGACATGAAGAGTGTGAGCATCCAGTACCTGG  
 AAGCTGTGAGGAGGCTGAAGAGCGAGGGCCACCGATTCCCTAGGACCATCCACATGACCTTTGTGCCTGA  
 TGAGGAGGTCGGAGGTCACAAGGGGATGGAGTTGTTGTGAAGAGGCCTGAGTTCAGGCTCTGCGGGCA  
 GGCTTCGCTCTGGACGAGGGCCTGGCCAACCCACGGATGCCTTTACTGTCTTTATAGTGAGCGGAGTC  
 CTGGTGGTACGGGTTACCAGCACTGGGAAGCCAGGCCATGCCTCACGCTTCATTGAGGATACAGCTGC  
 AGAGAAGTTGCATAAGGTTATAAGCTCCATCTTGGCATTCCGGGAGAAGGAAAGGCAGAGGCTGCAGGCG  
 AACCTCACCTGAAGGAAGGCGCTGTGACTTCCGTTGAATCTGACCAAGCTTGAAGGTGGCGTGGCTATA  
 ATGTGGTACCTGCCACTATGAGTGCCAGCTTTGACTTCCGAGTGGCACCAGATGTAGACATGAAGGCCTT  
 CGAGAAGCAGCTGCAGAGATGGTGCCAGGAAGCGGAGAGGGGTCACCTTTGAGTTTGCTCAGAAGTTT  
 ACAGAGCCTCGAATGACACCCACGGATGATTCAGATCCCTGGTGGCAGCTTTACGCGGAGCCTGCAAGG  
 CAATGAACCTCACTCTGGAGCCAGAGATCTTCTGCTGCCACTGACAGCCGCTATATCCGAGCGGTGGG  
 GATCCCAGCTCTGGGCTTCTCGCCATGAACCGCACACCTGCTGCTACATGACCATAATGAACGGCTG  
 CATGAGGATATATTTCTCCGTGGGTTGACATATACAGGCCTCCTCTGCACTTGTAGTGTGCCCA  
 CCTGCCTGGTGAAGTTGAGCCCCAGGCTTCCAACCTTTGACTCTCAGTCTACCACTGCCAAGGAT  
 CTGTTTCCCTGCCAGTAATAAAGCCAGCATTGGATGGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_025371  
**Insert Size:** 1227 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">BC005631</a> , <a href="#">AAH05631</a>
<b>RefSeq Size:</b>	1469 bp
<b>RefSeq ORF:</b>	1227 bp
<b>Locus ID:</b>	109652
<b>UniProt ID:</b>	<a href="#">Q99JW2</a>
<b>Cytogenetics:</b>	9 57.49 cM
<b>Gene Summary:</b>	Involved in the hydrolysis of N-acylated or N-acetylated amino acids (except L-aspartate). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.