

Product datasheet for MC201118

Acy3 (NM_027857) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Acy3 (NM_027857) Mouse Untagged Clone
Tag: Tag Free
Symbol: Acy3
Synonyms: 0610006H10Rik; AA3; AAILI; Acy-3; AW107362; HCBP1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010795 sequence for NM_027857
 GGTGGCCTGAAATCCAGACACTTGCTGCACAGCTTAGGGGTGACAGTCTTCTCCCCTGAAAAGCTAGG
 CATTGGCTTTACCATCTATAAAATAGTTCTGTGGTGACAGTGGTGTGGGTGGGAACAGTCGACCTTCTGA
 ATGTCTGAGTCCCCTTCTCAGCTTAGGTCTCAGAGAGAAAAGTGGGGAGAGCGACACTCACCTCAGA
 ACATTCCAGAAGAGGGACTGAGGTTGCAAGGGGAACAAAAATTTGGCTGCTGGTGTCTTGAACCTGGCT
 TCTGGGTACATGTGGTACAGTTGGCATCCCCCTGCCTCAGACTCTTCTGTGGGGAGCTCACCTACTG
 TTCAGGCTCTGGATACTTAGATTCCACATCTCTTGTGCAGTTCTTCCCACACTGGGAGATGTCCTCCCT
 ACCTGGTCCCAGGACCCCTGCTCCGTGTGGTGTGACTGGAGGCACCCACGGGAATGAGATGTGTGGT
 GTCTACCTGGCCCGTACTGGCTACAGAACCCAGGGGAGCTGCAGAGACCCAGCTTCTCAGCATGCCGG
 TTCTGGCCAACCCAGCAGCCACAGCTGCCTGTTGCCGTTACCTGGACCGTATCTCAACCGCTCCTGCAC
 CCTCACCTTCTTGGTTCCACCCTACCCCTGATGACCCCTATGAAGTAAAAGACCCCGAGAGTTGAAC
 CAGCTGCTGGGTCCCAAGGGCACAGGCCAGGCTTTTACTTTACCTAGACCTGCACAACACCACAGCAA
 ACACTGGAGTCTGCCTCATCTCTGAATCCAACATCTCCTTCAACTTGCACCTGTGCCACTACCTACAGCG
 GCAGAACCCGGGGATGCCCTGCCGCTCTTTCTGTATGAGCCAGCTGGGACGGAGACCTTCAGCGTGGAA
 TCTATATCCAAGAATGGAATCTGTCTGGAGATGGGCCACAGCCTCAGGGCGTGTGCGGGCCGACCTGT
 TCTCCCGATGCGAGCTCTGGTGGCATCCATTCTGGACTTCATCGAGCTTTCAACCAAGGCATGGACTT
 ACCCGCTTTGAGATGGATATCTACAGGAACCTGGGCAGTGTGGACTTCCCACGCACTGCCGATGGTGAC
 CTGGCTGGCACTGTGCACCCTCAACTGCAGGACCATGACTTTGAGCCACTGAGGCCTGGTGAACCCATCT
 TCAAGCTTTTCAGCGGAGAAGACGTACTGTATGAGGGGGACTCCATTGTGTACCTGTGTTTCAATTAATGA
 GGCTGCCTATTATGAGAAGCACGTGGCATTCTGAAGTCTGAGAAGATCAGGGTACAGTGCCTGCCCTG
 CTGAGGTTGACCCCGCTCCACCCAGACTCCCTAACCCAAATCATACCTGGCCTGATCTCAGTTTTCTT
 ATCTGAACAATGGGTCCCAAGCCAGGGTCCCCTATCTCACTCTGGACCATATCCCTTCCAGACAAC
 TGATCTCATTATATAAAATAGACTGTGCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_027857



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Insert Size:	957 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>BC010795</u> , <u>AAH10795</u>
RefSeq Size:	1531 bp
RefSeq ORF:	957 bp
Locus ID:	71670
Cytogenetics:	19 A
Gene Summary:	This gene encodes a member of the aminoacylase family of enzymes. This enzyme specifically deacetylates N-acetyl aromatic amino acids and mercapturic acids. Action of this enzyme on metabolites of the environmental contaminant trichloroethylene leads to the generation of toxic products that may lead to kidney failure. This protein has been found to bind to the hepatitis C virus core protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]