

Product datasheet for **RN215925**

Acp1 (NM_001135562) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Acp1 (NM_001135562) Rat Untagged Clone
Tag: Tag Free
Symbol: Acp1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215925 representing NM_001135562
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGAGGTTGGGTCCAAGTCAGTGCTGTTCTGTCGTTAACAATTTGCCGGTCACCCATTGCAG
AAGCAGTGTTTCAGAAAATTGGTAACTGATGAAAACGTTTCAGATAACTGGGCCATTGACAGCAGCGCCGT
TTCCGACTGGAACGTGGGCCGGCCCCAGACCCAAGAGCTGTGAGCTGCCTAAGAAATCATGGCATTAGC
ACAGCCATAAAGCAAGACAGATTACAAGAGAAGACTTTGCCACATTCGATTATATACTGTGTATGGATG
AAAGCAATCTGAGAGATCTGAATAGAAAAGTAATCAAGTTAAAACTGCAAAGCTAAAAATCGAGCTACT
TGGGAGCTATGATCCACAGAAGCAGCTCATTATTGAAGATCCCTATTATGGCAATGACTCTGACTTCGAG
GTGGTGTACCAGCAATGCCTTAGGTGCTGCAAGGCCTTCCTGGAGAAGACTCACT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001135562
Insert Size: 477 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).



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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001135562.1</u> , <u>NP_001129034.1</u>
RefSeq Size:	1478 bp
RefSeq ORF:	477 bp
Locus ID:	24161
Cytogenetics:	6q16
Gene Summary:	<p>catalyzes the hydrolysis of p-nitrophenyl phosphate; may play a role in synaptic transmission [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) has multiple differences in the coding region compared to variant 1. The resulting protein (isoform B) is the same length as isoform A and has the same N- and C-termini but differs at an internal region.</p>