

## Product datasheet for **MC208099**

### **Acp1 (NM\_021330) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Acp1 (NM\_021330) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Acp1  
**Synonyms:** 4632432E04Rik; Acp-1; AI427468; Lmptp; LMW-PTP  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208099 representing NM\_021330  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

**ATGGCAGAGGTTGGGTCCAAGTCAGTGCTGTTTCGTGTCTCGGTAACATTTGCCGGTCACCCATTGCAG  
AAGCAGTATTCAGGAACTGGTAACTGATGAAAAGTTTCAGATAATTGGAGGATAGACAGTGCGGCTAC  
ATCCACCTATGAAGTGGGAACCTCCTGACTATCGAGGGCAGAAGTGCATGAGAAAACATGGCATCCAC  
ATGCAGCACATTGCACGGCAGATTACAAAAGAAGACTTTGCCACATTTCGATTATATACTATGTATGGATG  
AAAGCAATCTGAGAGATCTCAATAGAAAAAGTAATCAAGTAAAAAAGTCAAAGCTAAAATTGAGCTACT  
TGGGAGCTATGATCCACAGAAACAGCTCATTTGAAGATCCCTATTATGGCAATGACTCTGACTTCGAG  
GTGGTGTACCAGCAATGCCTTAGGTGCTGCAAGGCCTTCTGGAGAAGACTTACT**AG****

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_021330  
**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).



[View online »](#)

<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>RefSeq:</b>	<u>NM_021330.4, NP_067305.2</u>
<b>RefSeq Size:</b>	3107 bp
<b>RefSeq ORF:</b>	477 bp
<b>Locus ID:</b>	11431
<b>UniProt ID:</b>	<u>Q9D358</u>
<b>Cytogenetics:</b>	12 A2
<b>Gene Summary:</b>	<p>Acts on tyrosine phosphorylated proteins, low-MW aryl phosphates and natural and synthetic acyl phosphates.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) includes an alternate in-frame exon, compared to variant 1. The resulting protein (isoform 2, also known as IF1) is the same length as isoform 1 but differs at an internal region, compared to isoform 1.</p>