

## Product datasheet for **MC220997**

### **Slc4a1ap (NM\_009206) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Slc4a1ap (NM_009206) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc4a1ap
Synonyms:	kanadaptin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220997 representing NM\_009206  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGATCCTACCCCTCAGCTAGATGCGCCAGCTCCCAAGGAGTCACTAGCGAGTTTAAAGAAGCCGG  
 TTTTACCAGTGCCTCCGAGTACGGGGTAAGGCTCCGGCTCCAGTCCCTCCGTTTCTGAGGATGTGAA  
 GAAAGAATGTCTCGCGGCGCAGCTGGACTCTGGATGTGAGGAGCCCGAGGTCCCGCCACCCGAGCCGGAC  
 AGCCAGGAGACCGGGGTCCACCGGTGGAGCAACTCCGCTCCCGCGGGTAGCTCCTGCGTCTGGCGGT  
 CGACCCGGGCTCCTCCGTACCGAGAGCCATCGTGGGGCAGCCAGCCACGGCCCCCTACAGTCTCGAAAC  
 CCTGAAGGTGGCACCATCCTTGGCACCCGCACCTTAAAGACACGAGCTGCTGCTTTTTCGGGAGACTT  
 GCTAGTTGTGACATATGTCTGGAGCATCCTTCCGTGTCTCGGTACCATGTGTACTACAGCACCGGGGG  
 CGGATCCAGCGGAGACTCTGAGGGTCATGAGCAGGGCTTTTATCTCTACGATCTGGGAAGTACCCACGG  
 CAGTTTCTCAACAAAATCGCATCCACCCCGCACTTACTGTAGAGTCCACGTCCGGCATGTAATGCGC  
 TTTGGAGGCAGCACTCGGCTCTTTATCCTTCAGGGACCAGAGGAAGACCGAGAGGCAGAATCTGAATTAA  
 CAGTAACACAGTTGAAGGAATTGCGTAAACAGCAGCAGATATTATTGGAGAAGAAGATGTTAGGTGAAGA  
 CTCAGATGAAGAAGAAGAAGCAAATACCACTGAAGGGAAGAGCAGTAGAAGTGGTCAAGATGATGAGCTG  
 GGCTGCACGTGGGGAATGGGAGAAGATGCTGTGGAGGATGAAGCTGAAGAGAACCCATTGCCTTAGATT  
 TTCAGCAGGACCGGGAAGCGTTTTATATAAAGGATCCAAAGAAGGCTCTCAAGGCTTCTTTGACCGAGA  
 AGGAGAAGAGTTAGAATATGAATTTGATGAGCAAGGACACAGCACTTGGCTCTGCAGGGTGAAGTTACCT  
 GTAGATGATTCAACTGGGAAACAGCTGGTGGCTGAGGCCATCACTCAGGAAAGAAAAGGAAGCAATGG  
 TACAGTCTCGCTGGAAGCCTGCCGGTCTTTGATACACTGGGCTTGTACGGCAGGAAGCAGTATCTCG  
 GAAAAGGAAAGCCAAGAAGTGGGAAGATGAGGATTTTTATGATAGTGACGATGATACATTCTCGATCGG  
 ACTGGCCTGGTAGAGAAGAAGCGCCTGAACCGGATGAAGAAGGCTGGGAAGCTTGTAGAGAAGCCAGAAA  
 CTTTTGAGTCACTGGTTGCAAAGTTAAATGATGCCGAAAGGGAAGTCCGCGAAATTTCTGAAAGGCTCAA  
 GGCTTCAAGCAAAGTTCTGTGAGAGCCATCATCTCAGGACTCTTTAGATGCATTGATGAGAAATGAAA  
 TCAGGCAGCACATTAGATGGGGTGTCCCGGAAGAACTTCACCTGAGGACTTTTGAAGTAAAGAAAGAAC  
 AACAGCGACTTAAAGGGTTAATAAACTTGTAAAGCCGGCAGAGATCCAGAACTAAAAAGACTGAACT  
 TCAGACTACAAATGCAGAAAACAAACTAAGAACTTGCATTGCCTCTCTTTGGTCCATGAAAGGAGGA  
 AGCAAATTCAAATTAATAAACTGGGACAGTAGGGAAGTTGCCACCAAGCGTCCAGAACTCCCTCCAGCTT  
 TAATGCAATGAAGGATGAACCTGAAGTAGAGGAGGAGGAGGAAGAGGAAGAGGAGGAGGAGGAGAAAGT  
 GAAGGAGGAGCATGAAGAACGAGTGGAGGATGGAGGTGTGAGGCTTCTTCAAGGAGCTGAGCTGGAGCTG  
 GAAGCAGCAGTGGAGCACCCGAGTGTCCCTCAGAGCCCTCGTGTCTCAAGGAGACTAAAAGCCATGCGAG  
 CACCAGCGAATGAATATAAACAAGACAGAGATGAGCCGAAGAAAAGAAATCTCCTGGGCCTGGCAAATT  
 TCCACCCATCCTTTTCCAAATATCCTGAGGATGACCCAGACTACTGTATATGGGTCCCACCTGAAGGT  
 CAAAGTGGAGATGGCAGAACCCTCTTAATGACAAGTATGGCTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_009206

**Insert Size:** 2148 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).

<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><a href="#">NM_009206.2</a></u> , <u><a href="#">NP_033232.2</a></u>
<b>RefSeq Size:</b>	2445 bp
<b>RefSeq ORF:</b>	2148 bp
<b>Locus ID:</b>	20534
<b>Cytogenetics:</b>	5 B1