

## Product datasheet for **MC202364**

### Ap1s2 (NM\_026887) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ap1s2 (NM_026887) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ap1s2
Synonyms:	1500012A13Rik; AI853648; EST1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC046964 sequence for NM\_026887  
 GGCACCACGGCTTCCCTTCCACAGCACGGCGACGGGGCTTCCCCTCAGCAGCTGCCGGCGCCTCAGTCT  
 CCGCGGCCAGCCAGCTCCGCGCGTCCGCGGCCCGCCATGCAGTTTATGTTGCTTTTATGTCG  
 CCAGGGAAAGCTTCGACTGCAGAAATGGTATGTCCACTGTCAGACAAAAGAAAGAAGATCACAAAG  
 GAACCTGTTCAAACCGTTTTAGCACGGAAACCAAGATGTGCAGCTTCTTGAGTGGAGAGATCTGAAGA  
 TTGTTTTATAAAAGATATGCCAGTCTATATTTTTGCTGTGCTATTGAGGATCAGGACAATGAACTGATTAC  
 CCTGAAATAATCCATCGTTACGTGGAATTACTTGACAAGTATTTGGCAGTGTATGTGAACTTGATATC  
 ATCTTTAATTTTGAGAAGCCTATTTTATTTGGATGAATTTCTCTTGGGAGGAGAAGTTCAGGAAACAT  
 CCAAGAAAAATGTCCTTAAAGCAATTGAGCAGGCCGATCTCCTGCAGGAGAAAACAGAGACTATGTATCA  
 CAGCAAGAGTTTCATTGGGTATAAGAAAGCGTACTAGAATACGTGCTGGAAGTACAGACATGCATCAAAA  
 TGTAGTAGGATATATGAATTCAGTTCTAATTATCATTGTTCAAGTTTATTATTGTTGTTTGGTATTAT  
 TTGGAAAATTAATTGCAATACCAATGGATAGCCCTATTATTTCAATTAATTGATGGGTTTTAGGAAATTT  
 TCCCTGTAATTCATAATTGAGATTATAATTTACCTTTTATACAGAATATTGAAATGGGTGAGACTCATT  
 GACAAAGTATTCTTAAATATTGTAATCAGTAATGTTATCACAGATGAAGCCTTCCCTGTGAGAACGAAA  
 GCTTCTATAAAGTGAAGCACTGTTACTAATGTTGCTTTACTTGTGTTTATCCTTGTCTATTCTAAATGGG  
 AAAGGGGAGCTTTTGTAGCCTAATATTTAGAGTTCTAACTTTAAAATTCATCGGGGATGCTGTAAAGT  
 CCATTTAGACCCACCTTGGGATATTTTTGTCACCTTTTGTATGTGAAAACATCTAACATCTTGTGAGAT  
 ATATTTATAAGCAGATGTTTAAAAATTTAGGGAGTTCCTTAGAATCATTGTTGAGGACTTCAAAAAAT  
 TAATCTTTTAGCTTCAAAGTACATTTTTTAAAGTAAGTCAACAATTAAGGCTTTCATACTTAAACAAT  
 ACCATATGATGGCTAGTTTTAACTTGTGGGAGGAAGCCTTTCTCTGGACCTCTCCTTAGTGAATAGG  
 ACCCTGATGAATGTGACACACTGGTGAAGGGAGTTTTCTAACTGAACTGCCACTAATTAGCATTACT  
 TAACTGGCAATCTTCTCAGATTAGTAGTAAGTACAGTCTTTAGGATTCTGTGAAATGTAGGTTATCTT  
 GTTACTGTTACATAACCATGAACCTGAAAAAGATAAATCTGAACCTGGGCATTAAGAACTTAAGTGTCCAG  
 CCACAAAACCAAGAACAAAAGCAAACTGATGCTTTAGATCATTTTACTGTGAACATAAACATTCTGATTG  
 TGCTCCATCAGCTTGTGTACTGTGTGAAGAATATATGCATTTCTTTGTAGCCACGCCATGAATATTT  
 TAATGTCCCTGTGTAATAAGTACTGCTCATCGACTATGCAGACTTTCACAGAGGAAATAGAGAAGTATA  
 TACTTATGAAAGAAAATGTCCTCAGCTTGGTGACTAATTCCTGTAAAAATAATATATAGCATTATATAG  
 CTAGTACCTTTATGATTGATTTTTCTGTGCTATTCCTAATTCTATTTATTCTGTATATGATATGACAT  
 AGTTTTTCTGTCTACTACTGATTTCTTCTTACAAAATATGACTTGTGAATGTTTTAATATTCTAAACA  
 CATACAAGTTATCATTAGTAAATCATCTGTGATTAATCTTATGAGGTATAAGAGAAAGACCGGGAACAA  
 TCACAAATGTTTACCAAAGAAAATAGTTAGGAACTCAGGCAAAATAGGAGCACCACAATATTTAATGTA  
 GTTTGATCTTCCACTGTTGAAGAAAACCAAGCTTTATTTAGCACTAAGATTACTTTATAGTCTGTACAAG  
 CTAATATGTTGGACAGTATCACATAAAAAATGTGTTGAAGCAATATAAGAAAAAATCAATTGTATAATTC  
 TCTAAGATCTAAGGTTAAAAATTTCAATTTTTAAGAAATTTGTATTGCCAATATTTATTAAGCCACAT  
 TTATGCAGTGTCAAAAGTCCCTTAAAGAACTATCAGAAAGCTATGTCACAAAGTTTCTGTATTGTTGCTC  
 AGTAACAGCCCTTGAGTCAGTAGTACTGAGCCTACTTATGTGATACAAAATCTGATATTCATTTCAAT  
 ATTCAAACATTTACTTATTAGTTAATGGCTTCTAATTAATATATTAAGCCTTCTTCTAAACACTCAG  
 TGCTGTGTTAACAAATGGTTGTATATTTGGAATACTAAAAGTTTTTAATATTAATTTTAAAAAATATGC  
 TTTTAATAATATTTTCAAAATTTACTATTAATAAACCAGATAACTCATTGTCTATCTAGAGAGTTTTAA  
 AACCTAAGTAAATTTGTTACTAAACAGTAACTTAAAGTGGCATGGTAGTGCATGCCTGTCTATCCTAGTACCT  
 GGGAGGCTGATGCAGGAGCAAGATGAGTTACTATAGTACCTAGGCATCCCTGTCTCAAAAGACAAAAAC  
 TAAATATGCCAAAACTCTAGGAACTTCAAGAGGTACCCAAATGAGTTTCCCACTGAAAGAAGATCTATA  
 AAATGTCTTAGGAAATGATGTTAGGCAGCTGTACAGGTGAGCTCTCTCCATTACCATCTGAAACTTCA  
 CAAAACATTGGTCTTTCATTTCCATTTTTCCATCCTCCACACTACATGTTGTTACCTGATTTTAAATG  
 TTGCATAAATATGCATTGTCTCATGCCTGTTGTTTGGATGCTGTGCTGAGCTGTAACAAAATGTTG  
 TGTTTTTGTGAGGGGAGGGGTATCTGTATACAGCTGCTTGTGTTTAAATTAGCACATTCTCAAATAGCT  
 TTTCTGCATGTCTGAAATAAAGTATTGCATGTAAAAAATAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_026887  
**Insert Size:** 483 bp

<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>RefSeq:</b>	<a href="#">BC046964</a> , <a href="#">AAH46964</a>
<b>RefSeq Size:</b>	3204 bp
<b>RefSeq ORF:</b>	483 bp
<b>Locus ID:</b>	108012
<b>UniProt ID:</b>	<a href="#">Q9DB50</a>
<b>Cytogenetics:</b>	X F5
<b>Gene Summary:</b>	<p>Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>