

Product datasheet for **MC216097**

Adssl1 (NM_007421) Mouse Untagged Clone

Product data:

| | |
|--------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Adssl1 (NM_007421) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Adssl1 |
| Synonyms: | Adss; Adss1; AI528595 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



[View online »](#)

Fully Sequenced ORF: >MC216097 representing NM_007421
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCGGGACCCGAGCCTCCAACGACCGCCCCCGGCACAGGGCGGAGTCAAGAGGGGGCGGCTGCAGC
 AGGAGGGCGGCGGACAGGCTCCCGCGTGACCGTGGTGTCTGGGCGCGAGTGGGGGACGAGGGCAAAGG
 CAAGGTGGTGGACCTGCTGGCCACGGACCCGACATCGTCAGTCGCTGCCAGGGGGCAACAATGCGGGG
 CACACAGTAGTGGTGGACGGCAAGGAGTATGACTTTCACCTGCTCCCCAGCGGCATCATCAACCAAGG
 CCGTGTCAATTCATTGGCAATGGCGTGGTCCACTTCCCGGGCTTGTGTTGAAGAGGCAGAGAAGAACGA
 GAAGAAAGGGCTGAAGGACTGGGAGAAGCGTCTCATCTCTGACCGGGCTCACCTTGTGTTGACTTC
 CACCAGGCAGTGGACGGGCTGCAGGAAGTACAACGTCAAGCACAAGAGGGGAAGAATATCGGCACCACCA
 AGAAGGGGAATCGGACCAACTTACTCTCAAAGCTGCCCGACAGGCCTCCGCATCTGTGACCTTCTCTC
 GGATTTTGACGAGTTTTCTGCCAGATTCAGAACCTGGCCACCAGCACCAGTCCATGTTCCCCACCTG
 GAAATAGATGTGAAGGTCAACTCAAAGGCTCAAGGGCTTTGCTGAGCGCATCAGACCCATGGTTGCGAG
 ATGGTGTCTACTTCATGTATGAAGCCCTGCATGGTCCCCCAAAAAGGTCTGGTGGGAAGGTGCCAACGC
 GGCCCTGCTCGACATCGATTTCCGGGACCTACCCCTTTGTGACTTCTTCCAAGTGCAGTGTGGGTGGTGTG
 TGCACCGGCTGGGCATCCCGCCCCAGAACATAGGCGATGTGTATGGTGTGGTAAAGGCCTACACCACCC
 GTGTGGGCATTGGGGCCTTCCCCACGGAGCAGATCAATGAAATGGAGATCTGCTGCAGAACCGTGGCCA
 TGAGTGGGGGTGACCACAGGCAGGAAGAGGGCGTGGCGTGGTGGACCTGATGATCCTCCGATACGCT
 CACATGGTCAATGGCTTCACTGCGCTGGCATTGACCAAGCTGGACATACTGGATGCTCTGAGCGAGATTA
 AAGTTGGCATCTCTACAAGCTCAACGGAAAGAGGATTCCTACTCCCTGCTAACCCAGGAGATCCTGCA
 GAAGGTGGAGGTCGAGTATGAAACACTGCCTGGATGGAAAGCAGACACCACAGGCCAGGAAGTGGGAG
 GACCTGCCTCCGACGGCCAAAGCTACGTGCGCTTCGTGGAGAATCACATGGGTGTTGCAGTCAAATGGG
 TCGCGCTTGGGAAGTCCAGAGAGTCCATGATCCAGCTTTTT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_007421

Insert Size: 1374 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:

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: [NM_007421.2](#), [NP_031447.1](#)

RefSeq Size: 1806 bp

RefSeq ORF: 1374 bp

Locus ID: 11565

UniProt ID: [P28650](#)

Cytogenetics: 12 F1

Gene Summary: Component of the purine nucleotide cycle (PNC), which interconverts IMP and AMP to regulate the nucleotide levels in various tissues, and which contributes to glycolysis and ammoniagenesis. Catalyzes the first committed step in the biosynthesis of AMP from IMP. [UniProtKB/Swiss-Prot Function]