

## Product datasheet for **RN201157**

### Amt (NM\_001014004) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Amt (NM\_001014004) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Amt  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN201157 representing NM\_001014004  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCAGCGGACAGTCAGGGTGGTAGCCCTCTGGGTTTTCGCCTTCAGGCACAACCCTTGGTCCAGAGTC  
 GTCCATTTCAGTTCTGTACAGGATGGACTCCGACAGACTCCACTCTATGACTTCCACCTAGCCCATGGAGG  
 GAAAATGGTGGCGTTTGCAGGGTGGAGTCTGCCTGTGCAATACCGGGACAGTCATGTTGATTACACCTG  
 CACACAGCCGCTCACTGCTCTCTTTGATGTGTCCACATGCTACAGACCAAGATATTTGGCTGTGACC  
 GAGTGAGGCTGATGGAGAATATAGTGGTTGGAGACATTGCGGAACTAAGGCCAACCAGGGAACGCTGTC  
 TCTGTTTACTAATGAAGCTGGAGGCATCCTAGACGACTTGATTGTGACCAATACTTCTGAGGGGCACCTG  
 TATGTAGTATCCAATGCTGGCTGCCGGGACAAGGACTTGGCTCTCATGCAGGACAAGGTCAAGGAGTTCC  
 AGAACAGGGGCCTTGATGTAGGCTGGAGGTGGTAGATAATGCCCTGTTAGCTCTGCAAGGACCCACTGC  
 AGCACAGGTCTTACAGGCTGGGGTGACAGATGATAGAGGAACTGCCCTTCATGACCAGTGTGTGATG  
 GAGGTGTTCCGGTGTCTGGCTGTCTGTGACCCGCTGTGGCTACACAGGAGAGGATGGTGTGAGATAT  
 CAGTGCCAGCGGCAGGAGCAGTCCACTTGGCCACTGCTCTGCTGAAAAACCCAGAGGTAAGCTGGCAGG  
 ACTAGCAGCCCGAGATAGCCTGCGCCTGGAGGCTGGCCTCTGTCTGTATGGGAATGACATCGATGAACAT  
 ACCACACCTGTGGAGGGCAGCCTCAGCTGGACTGGAAGCGCCGCGGAGTTGCTATGGACTTCCAG  
 GAGCCAAAATCATCATCCCCAGCTGAAGGGTGGAGTGCAGAGGCGACGTGTGGGGTTGATATGCGAAGG  
 GGCTCCAATGAGAGCACACAGTCTATTTTGAACAGAAAGGCGCAGTGATTGGTACAGTGACCAGTGGC  
 TGCCCTTACCCAGCCTGAAGAAGAAATGTGGCGATGGGTTATGTGGCCTCAAGTACAGTCGGCCAGGGA  
 CACAGTGTCTGGTGAAGTTCGGCGGAAGCAGCAAATGACGGTGGTTAGCAAAATGCCCTTGTGCCAC  
 GAAGTACTATACTCTCAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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|                               |   |
|-------------------------------|---|
| <b>ACCN:</b>                  | NM_001014004  |
| <b>Insert Size:</b>           | 1212 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>                | <u><a href="#">NM_001014004.1</a></u> , <u><a href="#">NP_001014026.1</a></u>   |
| <b>RefSeq Size:</b>           | 2177 bp   |
| <b>RefSeq ORF:</b>            | 1212 bp   |
| <b>Locus ID:</b>              | 306586  |
| <b>Cytogenetics:</b>          | 8q32  |