

Product datasheet for MC214998

Amt (NM_001013814) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Amt (NM_001013814) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Amt
Synonyms:	EG434437
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC214998 representing NM_001013814 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCATCGGATAGTCAGTGTGGTAGCCCTCTGGGTTTTCGCCTGCAGGCACAACCCTTGGTCCAGAGTC
GCCCACTCAGTTCTGTACAGGATGTGCTCCGAGGACTCCACTCTATGACTTCCACCTAGCTCATGGAGG
AAAAATGGTGGCCTTTGCAGGGTGGAGTCTGCCTGTACAATACCGTGACAGTCATGTTGATTACACCTG
CACACACGCCGGCATTGCTCTCTTTGATGTGTCCACATGCTACAGACCAAGATATTTGGCTGTGACC
GAGTGAAGCTGTGGAGAGTGTAGTGGTTGGAGACATTGCGGAACCTAAGGCCAACCAGGGAACACTCTC
TTTGTTTACCAACGAAGCTGGAGGCATCTTAGACGACTTGATTGTAAGCAATACTTCTGAGGGGCACCTG
TATGTAGTATCCAATGCTGGCTGCCGGGACAAGGACTTGGCTCTCATGCAGGACAAGGTCAAGGAGTTCC
AGAACAGGGGCCCTGGATGTAGGCCTGGAGGTGGTAGAGAAATGCCCTGTTAGCTCTGCAAGGACCCACGGC
AACACAGGTGTTACAGGCTGGGGTGACAGATGATGAAGAACTACCCTTCATGACAAGTGTGTGATG
GAGGTGTTCCGGTGTCTGGCTGTCTGTGACCCGCTGTGGCTACACAGGAGAAGATGGTGTGAGATAT
CAGTCCCAGCAACAGGGCAGTCCACTTGGCAACTACTCTGTTGAAAAATCCAGAGGTAAGCTGGCAGG
ACTAGCAGCCCGAGATAGCCTGCGCCTGGAGGCAGGCCTCTGTCTGTATGGGAATGACATCGATGAACAT
ACTACACCTGTGGAGGGCAGCCTCAGCTGGACACTGGGGAAGCGCCGCCGATTGCTATGGACTTCCCAG
GAGCCAAAATCATTGTTCCCAACTGAAGGGTGAAGGTACAGCGGAGACGTGTGGGCTGATATGTGAAGG
GGCTCCAGTGAGAGCACACAGTCTATTTTGAACACAGAAGGCACTGTGATAGGTAAGTGTGACCAAGTGGC
TGCCCTTACCCAGCCTGAAGAAAAATGTGGCGATGGGTTATGTGCCATTTAAGTACAGTCGACCAGGGA
CACAGTCTGTTGGAAGTCCGGCGGAAGCAGCAAATGACAGTGGTTAGCAAAATGCCCTTTGTGCCAC
CAACTATTATACTCTCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001013814
Insert Size:	1212 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:	<ol style="list-style-type: none">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:	<u>NM_001013814.1</u> , <u>NP_001013836.1</u>
RefSeq Size:	1325 bp
RefSeq ORF:	1212 bp
Locus ID:	434437
UniProt ID:	<u>Q8CFA2</u>
Cytogenetics:	9 F1
Gene Summary:	The glycine cleavage system catalyzes the degradation of glycine.[UniProtKB/Swiss-Prot Function]