

Product datasheet for **RN213888**

Stam (NM_001109121) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stam (NM_001109121) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stam
Synonyms:	RGD1564499
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213888 representing NM_001109121
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTCTCTTTGCCACCAACCCCTTCGACCAGGATGTTGAGAAAGCAACCAGTGAGTTGAATACTGCTG
 AGGACTGGGGCCATCTTGGATATTTGTGATAAGGTTGGCCAATCTCGCACAGGACCTAAAGATTGTCT
 TCGTTCTATTATGAGAAGAGTGAACCATAAAGACCCCATGTTGCTATGCAGGCTTAACTCTTCTAGGA
 GCATGTGTATCAAAGTGGCAAATTTTTCACCTAGAAGTGTGTTCAAGGGATTTCGCTAGCGAAGTAA
 GCAATGTGTTAAATAAGGGCCATCTAAAGTATGTGAAAAATTAAGGCTCTTATGGTTGAATGGACAGA
 TGAATTTAAGAATGACCCACAGCTAAGTCTGATATCGGCAATGATTAAGAACCTCAAGGAACAGGGTGA
 ACATCCCAGCCATCGGCTCTCAGGCTGCAGAACAGCAAGCAAGCCCGGCTCTGGTAGCCAAGGACC
 CTGGCACTGTGGCTACCAAAAAGGAAGAAGAAGATTTAGCCAAAGCTATTGAGTTGTCGCTCAAGGAGCA
 AAGGCAGCAGGCAGCCCTCTCCACGTTGTACCCAAGCACATCCAGTCTCCTACTAACCACCAACAT
 GAAGGCAGGAAAGTCCCGCTGTGTATGACTTTGAGGCTGCAGAGGACAAATGAGCTCACCTTAAAGCTG
 GAGAGGTCATCACAGTGCTTGACGACAGTGATCCCAACTGGTGGAAAGGTGAAACACATCAAGGCATGGG
 GCTTTTCTCTTAATTTTGAAGTGCAGATCTTACTGCTGAACCGGAAATGATTAAGACAGAGAAGAAG
 ACGGTACAATTCAGTGACGATGTTTACAGATAGAGACAATAGAACCAGAACCAGAACCAGGACCTTCA
 TTGATGAGGATAAAATGGACCAGTTGCTACAGATGTTGCAAAGTACAGATCCCAGCGATAATCAGCCAGA
 CTTACCAGAGCTACTTCACTCGAAGCGATGTGTACCAGATGGGACCTCTCATTGATGAAAAGCTGGAG
 GACATCGATAGAAAACACTCAGAAGTCTGACTGTGTACGCAAGTCCCAGAGTCAGCAGCTACTATGTGCA
 CGAAGCTAATGAATGAAGACCCAGTGTACTGTGTACGCAAGTCCCAGAGTCAGCAGCTACTATGTGCA
 GGCTCTGGTGTGTCGCTCCCGCTCCCGAGGTATACCCAGGGCCTGCTCAGAGCGGAGCCTATCTGGTTGCAGGG
 AATGCCAGATGACCCATCTCCAGAGCTACAGCCTTCCCGGAGCAGCTGGCTTCCATCAGCCAAGGAG
 CAGTTCCTCCCTGCAACCCAGCCCTTCTAATCAGCAGGCCAGGCTTCTTACCCGAATGCAATGGT
 TAGTTCTGTTCAAGGAAATTCGTATCCCAGCCAGGCTTCAATATACAGTCTGCTGCTGCTGCCGCT
 GTCGCTGCTCACTGCAGTGCCTGTGCTGCTGATGTACCACCTACCAGAATCCAGGACCTAACATGTCCC
 AGGTGCCAAACTATACCTAACGTCATCGACCCTGCCTCACACAGGAGGCAGCCAACAGCCACCTCAGCC
 ACAGCAAGCATATTCTCAGAAGGCTCTGCTA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001109121
- Insert Size:** 1644 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_001109121.2](#), [NP_001102591.1](#)

RefSeq Size: 3022 bp

RefSeq ORF: 1644 bp

Locus ID: 498798

Cytogenetics: 17q12.3