

## Product datasheet for RN207365

### Enam (NM\_001106001) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Enam (NM_001106001) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Enam
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207365 representing NM_001106001 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTGCTCTTGCTCCTTGGCTCTCTGTGGCTTCAGCAGTTTGTAGTCATTTCTACCATAGACTATTAAGAA  
CATATTTCAAAGACAGGTTAACAAGTTCAAGTTTACTTTTTATAGTACAGCTTCTAAGTGGCATTGG  
CTCTCATCTAATCTTAAGGCACCGAAGATTAAGCTCGATTGTGAGGACCCTCTCATAAGGGCTTATGAA  
AGTTTTGGTGAAAACATGTTGCTGCTTCAGTGCAGAAATACAGCTTCTCCTCCAAAGCCATGTGACATGG  
TAAAGATGAGTCTCCTTGTTCCTGGGCTGCTTGGGGTCTCGGCTGCCATGCCAATGCCAATGCCCCG  
AATGCCTGGATTTAGCAGTAAAAGTGAAGAGATGATGCGATATAATCAATTCAATTTTATGAATGCCCA  
CCAATGATGCATATGGGCCATGGCAAAACGGTTTGGCGATGCCTCCGCACATGCCTCCGCAGTACCCTC  
CATACCAGATGCCCATGTGGCTCCGCCAGTCCCAATGGATGGCAGCAACCCCAATGCCCAATTTCCC  
AAGCAAACTGAACAAACCCAGGAGACCGCCAAACCAACAGACCGATCCACAAGGCCACAACCAACA  
AAGCAGCCTTTAAAGGAACCAAAATGAAGCAGCAGGCAAGATGAAGCCAGCCACCTCAGCCAT  
TCCCACCATTTGGCAATGGGCTTACCCTATCAACAACCACCATGGCCAATTCCACAGACAGGACCACC  
AACAGGGTTCCGACGACCAAGTTCAGCAATGAAGAAGGAAATCCTTATTATGCATATTTGGATATCAC  
GGCTTTGGGGGCCGTCCTTATTACTCAGAAGAGATGTTTGAAGATTATGAAAAACCCAAAGAAAAAGATC  
CTCCTAAACCTGAGGACCCGCCCCAGATGACCCACCCCAAGGCTCTACAAATCAACAGTGCCTGA  
TGCTAATGCCACTCAATCAATCCTGGAGGGGTCAAGGTGGAATGACTCTAGCCAGTAGGAAACACA  
GGCCCTGGGCCTAATGCTGGGAACAATCCTACAGTTCTAATGGTGTCTTCCCTCCTCAAAGTTAATG  
TTTCAGGCCAGGGAGTACCGAAAAACCAATCCGTGGAGACCAAGTCAAGCAAAATTTTATGAAAAATTA  
TCCTTATCCAAATATCCTTCAGAAAGACAATGGCAAACCACTGATACCCAGGGGCTAACAGAACGGA  
CCTGGTTACCAAAATCCAAATCCAAAGGGTCTCAGTGGAAATTCCTTTGCTTGGGAAGGCAAAACAAG  
CTACTACTCATCCAGGAAATCCAATACCACAACCTTCCCTCCTACCTCAAGATTAATTTATCCCAA  
CTATGCAGGAAATCCAGTCAATTTCCGAAAGAAACTGCCAGGGCCAAAAAACCTTTTATGGGAGCCAAT  
CCAGCTTCAAACAAACCTTTGTGGGAGCCAATCCAGCTTCAAACAAACCTTTGTGGGAACCAATCCAG  
CCTCAAACAAACCTTTGTGGGAGCCAATCCAGCCTCAAACAAACCTTTGTGGGAGCCAATCCAGCCTC  
AAACAAACCTTTGTGGGAGCCAATCCAGCCTCAAACAAACCTTTGTGGGAGCCAACCCAGCCTCAAAC



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AAACCCTTTATGGGCACCAATCCTGCTGCAAATAAACCATCTATAGGAACCAATGCAGCCTCAAACAAAC  
 CATTGTGGGAACCAATGCAGGTACAAATAAACCGTTTATGGGAATCAATGTTGCCTCAAATAAACCCCTT  
 TATGGGAACCAATCCGGCCTCAAATAAACCCCTTGTGGGAACCAATCCAGCCTCAAATAAACCATTTGTG  
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 TTAATTCCTTTGATCAACAAGAAAACACCTACTTCTCAAGAGGAGATTCCAGAAAAGTAGCAAGTCTTAA  
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 GAAACTAAAAGACCTGAATTAAGCATAGTACAAACATGCCTGTGTACCCTAAGAAAAACCCCTTCTCCTA  
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 CCATGGGAGGAAAGAAGAAAATTTACGTCATCCTCCCTATGGCTCTAGAGGAAATGTTTTTACCATGAA  
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 CTCGCCGTACTATGATGCAACCAGAAAAATCCACAGTATACCATGTCTTCTAGACCAGAAGGAAACAGA  
 GCAGTACAATGAAGAGGCCCAATTGATCCAAATGAAGATGAATCTTTCCAGGACAAAAGTAGAGGGGT  
 GATGACGAGCTGAGCTTCAAAGGAAACCCAACTTAGGCAGTATGAAGGTGAGCAATACACCTCAACCC  
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 ATTCTATCCCTGGAACCCACATGAAACTTTTCCAATCTATAACCCAGGACCTACTATAGCACCACCTGTG  
 GACCCCAAGGATTATTATGTTAACAATGCAGTAGGACAAGAAGAAAGCACTCTCTTTCCTTATGGACCT  
 CCTGGGACCACAGGAATCAAGCTGAGAGGCAGAAAAGAAAGTGAGCCGATTTTCAACAGAAATGTCTGGGA  
 TCAGTCAATGAGTTTACACAAATCTAATATACAAAACCCAAACCATCCTTATTCCACTACATCCCCTGCT  
 GGATTTCCAAAAGATCCAACGTGGCTTGAAGGTGAGAATTTGAACTATGATTTACAAATTAAGTTTAA  
 GTCAACCAGAGAGAGAACAGTTGGCTTTCCAGACTTGAGGCCTCAAAGTTACCCAACAGGCCAAAATGA  
 AGACCATTTATTTACCAAAGTCAGAGAGGGTCTTGCTGCATTGGTGGCTCCACAGGACATAAAGAAAAT  
 GTGCTGGCTTTACACGACTACACTTCATCCTATGGCCTTCCACCAAGAAAGACCCAAAGAAATCAGTCCTG  
 TGCATACAGAAAGCAGTTATACCAAATATGCAAAACCTAATGTTTCCCCAGCAAGCATCCTACCTAATCA  
 AAGAAATATCTCAGAGAACAACCTGACTGCAGAAAGCCCAACCAAGTCCATTTGGAGATGATGTGCCT  
 ACTGTGAGAAAAACACTCCAATTTCTGGAAGAAATCAACTGGAGACAGGAATTATAGCCCTTTCTGAAG  
 CCAGCTCTTCTCAGCCAAAAACACAGCCTGTCTAAAAGTGACCTTGGAGGAGATCGGAGGGATGTTCT  
 GAAACAGTTTTTTCGAAGGCACCCAGCTCGGTGAAAGAACTGCTGGCCTGACCCCTGAGCAGCTCGTCATT  
 GGTAGTCTGATAAAGGCTCTGGCCAGATGGCACACACAGTGAAGTCCAAGGCAGTGGGGTGAATGC  
 AGCAGCAGAGGCCACCCACCATCCGGAAGTTGCCATGCTTTGGTTCCAAATTAGCAAAAATTCACCTTTC  
 TAGCACTGGACCTCCAACATAACAATGGAGGGCCAAAGCCTACCTAATGGTGTCTCTCCACACCCACCGAA  
 AGTCTGACACATTGGTTGGGTTAGCTACTAGGGAACAATTTAAAAGTATAAATGTGATCAACTTAATG  
 CAGATGGACACACAACACTTGAATCTTTTCAAGACACCAGTCAACAGGACCAAGCACACGGCTGTTTACT  
 GCTTCAGGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA

**Restriction Sites:**

Sgfl-Mlul

**ACCN:**

NM\_001106001

**Insert Size:**

4143 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\_001106001.1, NP\_001099471.1

**RefSeq Size:** 4247 bp

**RefSeq ORF:** 4143 bp

**Locus ID:** 289525

**Cytogenetics:** 14p22