

Product datasheet for **RN205526**

Engase (NM_001107070) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Engase (NM_001107070) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Engase
Synonyms:	RGD1310868
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205526 representing NM_001107070
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGACCTCGTCGGTCTCACCCGGGGGCTTACGGCAGCGGGCTCCACGGCCCCGAGAAGCAGG
 CGCAGGACCAGCCAGAGCGGAGCGGAGGAGGCAGGGGCGGAGGATCAACAAGGATCAAGAGGAGGAAGC
 TGTCTTCAGAGATGTGGTCAATTTTGTCCGGATCCTTTACCAGCTAGATATTATGACAAGGATACTACC
 AGACCTATCAGCTTTTACCTATCAACGCTGGAGGAGCTCCTGGCCTGGACCCCCCTCATGGAAGATGGCT
 TCAATGTAGCCCTGGAACCCCTGGAGTGTGCCAGCCCCACTGAGCAGCCCCAGCCCCGGACCCTGCT
 GTGCCATGACATGATGGGCGGTACCTGGAGGACAGGTTCCAGGGCTCAGAGGTGCAGAATCCTTAC
 TCCTTCTACCACTGGCAGTACATCGACATCTTTGTGACTTCAGCCATCACACGGTCACCATCCCACCAG
 TGTGCTGGACCAACGCCGCCACAGGCACGGGTGTGTGCTGGGGACCTTTATCACAGAGTGGCAAGA
 GGGAGGCAAACCTCTGTGAAGCCTTCTGGCCGGGGATGAGCGCTCCTCCAGGCAGTGGCCGATCGGCTG
 GTCAGATTGCTCAGTTTTTCCGTTTTGACGGCTGGCTCATCAACATTGAGAAGTCCCTGAGCCAGCTG
 CCGTGAGGAACACACCTCTGTTTCTCCAGTACCTGACCAGACAGCTCCATCAGCAGGTCCCCGGAGGTCT
 GGTGCTGTGGTATGACAGTGTGGTACAGAGCGGACAGCTCAAGTGGCAGGATGAAGTGAACGAACAGAAC
 AGGGTCTTCTCGACTCCTGTGATGGCTTCTTTACCAACTATAACTGGCCGGGAGGACCACCTGAAGAGGA
 TGGTGGCGCAGGCCGGGAGCGCCTGGCTGACGTGTACGTGGGCATAGATGTGTTTGGCTCGGAGCAATGT
 GGTCCGAGGCCGTTTTGATACTGACAAGTCACTGGAGCTGATCCGTAAGCATGGCTTCTCAGCGGCCCTG
 TTTGCTCCGGGTGGGTGTATGAGTGTCTGGAGAAGAACGACTTCTTTGAGAACCAGGACAAGTTCTGGA
 GACTGTGGAGCGCTTCTGCCACACACAGTATCTGTTCCCTCCCTTTGTCACCTTCTTCTGCCTGGG
 CCTGGGTACTCGAAGAGTCTGCTATGGCAAGGAGCAGGCAGTGGGGCCCTGGTACCACCCTAGTGCCACAG
 GAGACACAGCCCCCTTTGGTGAACATAAGCTGGCTGGTGGCAATCGGGGCTGGGTGAAGACACACTGCT
 GCCTGGTTGACGCTGGCACGGGGCAGCTCTCTGCTGCTCCGGGGCCTGATCCCGCCTGAGGTTGACAG
 TGTAGCTGTGAGGCTGTTCTCTATGCACGTCCCAGTGCCTCCCAAGGTTTTCTGTCCATGGTGTACAAG
 TTTGAAGGCTCAACGGATGTCCAGGTGGCTTTGGAGCTCACGACAGGGGATGCCAGCAGTGCATGTGG
 GCGGTGTGTTGGTGTAAATGAACTGGCACACGGTACAGCCCCAGACCCTCCGGGTACCCCCAACCCAG
 GTTGGCCAGATGGCCAGCAGTTGTGGCCAGCAGCTCAGTGGGGCTGGATTCAACGCTGCTATGAGGTA
 AACCTTCTGGGTGCCTGCTCCAGGACCTTTGGTGTGAGCTTCTCACGGCCACCAGGCAGCCGGGAGGAGG
 AGAGCTTCATCTGTCGTCTTGGAGAGATCCAGGTGGTTGATGCCAACAGCCTTCTGGCCCCCTTGCCTCCG
 GGTGCAGAATGTACCATTTACAGCTACGCTGGCTTCTCTGATCTCTGGGTCTGAGGGCTCCCTACC
 CGGCTCCTCCTCAGCTGTACCCTGCACTGGTCTACCTGCTGCCCGAGCCCCGCTGCTTCCGGATTCACT
 GCTGGGAACGGACAGGAAGCAGCTCTGCAACAGAGGAAATCCCCAGGGACAGAGAAGCCCCGAGTTCCTGGG
 CCTGGCTTTTGGCAACAGTACCGCGTGGTGGACTTGGCAGTGGAGGCTGCTAGATTTGGGCAGGACGGT
 CGTGTGGAGTTCCTGGTGGAGCCTGTCCCAGGGAGGGTTTCTAGTGCCTCAGGCTGAGTGGGGAAGGG
 CAGTACTGCTCTACTCGGCCCTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107070
Insert Size: 2199 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_001107070.1, NP_001100540.1</u>
RefSeq Size:	3977 bp
RefSeq ORF:	2199 bp
Locus ID:	303702
Cytogenetics:	10q32.3