

Product datasheet for **MC221196**

Engase (NM_172573) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Engase (NM_172573) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Engase
Synonyms:	C130099A03; D230014K01Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221196 representing NM_172573
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGACCTCGTCGGTGTGACCCGGGGAGCTGCAAGGCAGCGGAGCCCGCGGCCCGGAGAAGCAGG
 CGCGGGACCAGACGGAGCGGAGGCCGGGGCGGCGAGGCAGGGCGGAGGATCAACGAGGATCAAGAGGA
 GGAAGCAGTCTTTAGAGAGGTGGTCAGTTTCACCCCGGATCCTTTACCAGCTAGATATTATGACAAGGAT
 ACTACCAGACCTATCAGCTTTTACCTGTGACGCTGGAGGAGCTCCTGGCCTGGACCCCGCTCATGGAGG
 ATGGCTTCAATGTAGCCCTGGAACCCCTGGTGTGTGCGCCGGCCTCCACTCAGCAGCCCCAGGCCCGGAC
 CCTGCTGTGCCACGACATGATGGGTGGTACCTGGAGGACAGGTTCAATCAGGGCTCAGAGGTGCAGAAC
 CCCTATTCCTTCTACCACTGGCAGTATATCGACATCTTTGTGTACTTCAGCCACCACACGGTCACCATCC
 CCCCAGTGTGCTGGACCAATGCCGCACACAGGCACGGGGTCTGCGTGTGGGACCTTCATCACAGAGTG
 GCAAGAGGGAGGCAGGCTCTGCGAAGCCTTCTGGCCGGGGATGAGCCCTCCTCCAGGCCGTGGCCGAT
 CGGCTGGTCCAGATTGCTCAGTTCTTTGTTTTGACGGCTGGCTCATCAACATCGAGAATCCCTGACTC
 CAGCTGCCGTGAGGAACACACCTTTATTTCTCCAGTACCTTACCGCACAGCTCCATCAGCAGGTCCCCGG
 AGGTCTGGTGTGTGGTACGACAGTGTGGTACAGAGCGGGCAGCTCAAGTGGCAGGATGAACTGAATGAT
 CAGAACCAGGCTCTTTGACTCCTGCGATGGCTTCTTTACCAACTATAACTGGCGGGAGGATCACCTGC
 AGCGGATGGTGGCACAGGCCGGGGAGCGCTGGCTGACGTGTACGTGGGAGTGGATGTGTTTGCTCGGAG
 CAATGTGGTGGAGGCCGTTTGGATACTGACAAGTCCCTGGAGCTGATCCGAAACATGGCTTCTCGGGC
 GCGCTGTTGCTCCTGGGTGGGTGATGAGTGTCTGGAGAAGAGCGACTTCTTTCAGAACCAGGACAAGT
 TCTGGAGCCTGCTGGAGCGCTTCTTCCACACACAGTATCTGCTCCCTGCCCTTCGTCACTCTTTCTG
 CCTGGGCCTGGGTACTCGAAGAGTCTGCTACGGCAAGGAGCAAGCAGTGGGGCCCTGGTACCACCCTAGC
 GCCCAGGAGACACAGCCCTCTTTGGTGAACATAAGCTGGCTGGTACAGTCCGGGCTGGGTGAAGACGC
 ACTGCTGCCTGACTGATGCCTGGCACGGGGCAGCTCTCTGCTGCTCCGGGGCTGATCCCGCTGAGGT
 TGACAGTGTAGCTGTGAGGCTGTCTCTGACATCCCAGTGCCACCCAAGGTTTTCTGTCCATGGTG
 TACAAGTTTGAAGGCTCAACAGATGTCCAGGTGGCTTTGGAGCTCACAACAGGGGATGCCAGCAGCTGTC
 ATGTGGGTGGCATGTTGGTGTAAATGAACTGGCTCACGGCACAGCCCCAGACCCTCCGGGTACCCCC
 CACCAGGCTGGCCAGATGGCCAGCAGTTGTGGCCAGCAGCTCAGTGGGGCTGGATTCAACGCTGCTAT
 GAGGTAACCTTCGTGGGTGCCTGCTCCAGGACCTCTTGGTGAGCTTCTCACGGCCGCCAGCAGCCGGG
 AGGAGGAGAGCTTCATTTGTCGCTTGGAGAGATCCAGGTGGTTGATGCCAGCAGCTTCTGGCCCTCT
 GCCCCGGGTGCAGAAATGTACCATTCTCAGATACGATGGCTTCTCTGATCACCGGGTCTGAGGGCCTC
 CCTACCCGGCTCCTCCTCAGCTGCACCCTGCACTGGTCTACCTGCTGCTCCGAGCCCGCTGCTCCGCA
 TTCCTGCTGAAACGGACAGGAAGCAGCAGCTCTGTGGCAGAGTCCCCAGAGACAGAGAAGCCACGTT
 CCTGGGCTGGCTTTGCCAACCAAGTACCGTGTGGTGGACTTGGCTGTGGAGGCTGCTGGATTTGGGCAG
 GATGGTCGTGTGGAGTTCCTGGTGGAGCCTGTCCCAGGGAGGGTTTCTGGTCCCCAGGCTGAGTGGG
 GAAAGGCCGTCTGCTCTTCTCGGTCCCTCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172573

Insert Size: 2205 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_172573.2</u> , <u>NP_766161.1</u>
RefSeq Size:	3922 bp
RefSeq ORF:	2205 bp
Locus ID:	217364
UniProt ID:	<u>Q8BX80</u>
Cytogenetics:	11 E2
Gene Summary:	<p>Endoglycosidase that releases N-glycans from glycoproteins by cleaving the beta-1,4-glycosidic bond in the N,N'-diacetylchitobiose core. Involved in the processing of free oligosaccharides in the cytosol (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). COMPLETENESS: complete on the 3' end.</p>