

Product datasheet for **MC219205**

Tepsin (NM_183137) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tepsin (NM_183137) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tepsin
Synonyms:	2410002I01Rik; Enthd2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219205 representing NM_183137
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCAGCTGTGCCGCCCTGCGGGACCGCTTGAGCTTCTTGCATAGGCTCCCCATCCTGTTGAAGGGGA
 CCTCAGATGATAGCATCCCATGTCCAGGCTACCTGTTTGAAGAGATCGCCAAGATTTCCACGAGTCACT
 AGGCAGCAGCCAGTGCCTGCTGGAGTACCTCCTGAACCGTCTGGACAGCAGCTCCGGCCACGTGAAGCTC
 AAGGTGCTAAAGATCTTGCTTTACCTGTGTGGTCATGGCTCTTCCTCCTCCTCATCCTCAGGAGAA
 ACTCTGCTCTCATCAAGAAGCCACGGCTTTCTCAGGGCTCCAGATCCTTTCACGAAATAGCTTGTA
 CCAGAAGGTGCGGGCGGTGCCAGGACCTGGGTAGCACCTGTTCTCAGATGCCGTGCCACAGCCTCCA
 TCGCAGCCACCTCAGATCCCGCTCCCGCAGGCATGGGCGCCAGGCCAGACCTTTAGTGCCCTGCAAG
 GCTTCGGCTACACGAAGGAGAGCAGCCGGACAGGCTCCGCAGGTGAAACCTTCTCTCCACCATCCAGAG
 GGCCGCAGAGGTAGTGGCTAATGCTGTGCGTCTGGACCTGATAATCCTTGTACCAAGGGACCTTGCCG
 TATGGTGATTCTACCAGCTGCAGTGACACCTTCAGCTAGCCACACATCCCAACCTGGGAATCTAC
 TCCCTGGGGCCATCCTGGGGGCCAGAGCTGTGAGACACCAGCCCGGGCAGGCTGGGGGCGCTGGGATGA
 GCTGGACAGCAGTCTAGTTCCAGAATTCCTCCTGCACCAGCAACCTGAGCAGGGCCTCGGACTCGGGC
 AGTCGGTCTGGCAGTGACAGCCACTCTGGCACCAGCCGGGAGCCAGGCGACCTGGCAGAAAGGGCTGAGG
 CCACGCCCCCAATGACTGCCAGCAAGAACTGAATCTAGTGAGGACTGTGACACAGGGGCCACGTGTCTT
 CCTGAGCCGTGAGGAGACGCAGCACTTCATCAAGAGTGTGGCCTGCTCAACTGTGAGGCAGTGTGGAG
 CTGCTCCTGCGCCAGCTGGTCCGGACCACTGAGTGCGAGCAGATGAGGGCGCTGTGTGCCATCGCGTCTT
 TTGGGAGTGCTGACCTCCTGCCTCAGGAGCAGCTCCTCCTCCTGTGCCGACAGCAGCTGCAGGAATTGG
 CGCGGGCAGCCCTGGACCTGTGACCAACAAAGCCACCAAGATCCTGAGACATTTTGAAGCCTCCTGTGGA
 CAACAGCTCCCTACCCTAAGGCTCTGTGCCAGCCCAACTCTGCAGCTGCCCTGTGGGGCCAGTGACC
 TGCTGACCAGCCCGTGCTGCCCTGGGAGCCAGGTCTTCTCCAGCCTCTCAGCTCCGCCACAGTGGT
 ACCCAGGAGTCTGTGCTCTTTCCATCCCCAATACCTTACCTCCGTCTGCTCTGGAGGAGCCAGCGAG
 GTCCGAACCCAATTGGTGTGTTCTAGTGAACAGGGGACAGAATCTGAGCAGAGGCTGGAGAACACAGACA
 CCCCAGAGGATAGCTCCAGTCCGCTCCCGTGGAGTCCCAACTTTTGTGTTGCTGGCATGGAGCTGGTGGC
 TTGCCCCCGCTGCCTTGCCACAGCTCGCAGGACCTCCAGACAGATTTACAGAAGGTGACCACAGAAGCT
 CCGGTTTCAGAGCCATCAGCTTTTGCATTTTAAACATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_183137

Insert Size: 1722 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_183137.2, NP_898960.2</u>
RefSeq Size:	2784 bp
RefSeq ORF:	1722 bp
Locus ID:	78777
UniProt ID:	<u>Q3U3N6</u>
Cytogenetics:	11 E2
Gene Summary:	Associates with the adapter-like complex 4 (AP-4) and may therefore play a role in vesicular trafficking of proteins at the trans-Golgi network.[UniProtKB/Swiss-Prot Function]