

Product datasheet for **MC206841**

Mcpt4 (BC026198) Mouse Untagged Clone

Product data:

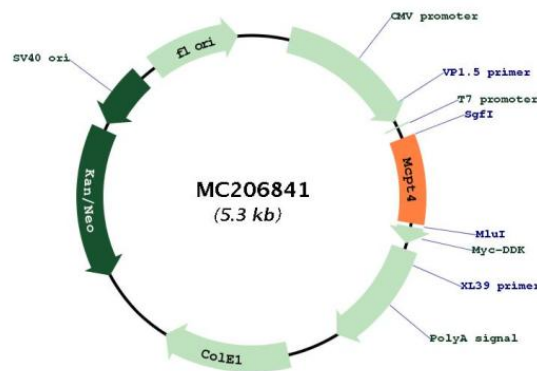
Product Type:	Expression Plasmids
Product Name:	Mcpt4 (BC026198) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mcpt4
Synonyms:	MMCP-4, MMCP-4A, MMCP-4B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206841 representing BC026198. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAGGCCCTACTATTCTTATGGCACTTCTCTTGCCTTCTGGGGCTGGAGCTGAGGAGATTATTGGT
GGTGTGAGTCTAGACCACATTCTCGCCCTTACATGGCCCATCTGGAGATCACCCTGAGAGAGGGTTC
ACAGCTACCTGTGGTGGGTTTCTCATAACCCGCCAATTTGTGTTGACTGCTGCACACTGTAGTGAAGA
GAAATCACTGTCACCCTTGGAGCTCATGATGTGAGCAAGACAGAATCCACACAGCAGAAGATAAAAAGTA
GAAAAACAAATCGTTCACCCAAAGTACAATTCTATTCCAATCTCCATGACATCATGTTGCTGAAGCTT
CAAAGAAAGCCAAAGAGACTCCCTCTGTGAATGTAATTCCTCTGCCTCGTCTTCTGACTTTATCAAG
CCGGGGAAGATGTGCCAGCCTGCCCAAGATGATCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



[View online »](#)

Plasmid Map:


ACCN: BC026198

Insert Size: 453 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: [BC026198](#)

RefSeq Size: 554 bp

RefSeq ORF: 452 bp

Locus ID: 17227

Cytogenetics: 14 28.19 cM

MW: 16.6 kDa

Gene Summary: Has chymotrypsin-like activity. Hydrolyzes the amide bonds of synthetic substrates having Tyr and Phe residues at the P1 position. Preferentially hydrolyzes the 'Tyr-4-|-Ile-5' bond of angiotensin I and the 'Phe-20-|-Ala-21' bond of amyloid beta-protein, and is less active towards the 'Phe-8-|-His-9' bond of angiotensin I and the 'Phe-4-|-Ala-5' and 'Tyr-10-|-Glu-11' bonds of amyloid beta-protein. Involved in thrombin regulation and fibronectin processing. [UniProtKB/Swiss-Prot Function]