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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) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGCAGGCCCTACTATTCCTTATGGCACTTCTCTTGCCTTCTGGGGCTGGAGCTGAGGAGATTATTGGT GGTGTTGAGTCTAGACCACATTCTCGCCCTTACATGGCCCATCTGGAGATCACCACTGAGAGAGGGTTC ACAGCTACCTGTGGTGGGTTTCTCATAACCCGCCAATTTGTGTTGACTGCTGCACACTGTAGTGGAAGA GAAATCACTGTCACCCTTGGAGCTCATGATGTGAGCAAGACAGAATCCACACAGCAGAAGATAAAAGTA GAAAAACAAATCGTTCACCCAAAGTACAACTTCTATTCCAATCTCCATGACATCATGTTGCTGAAGCTT CAAAAGAAAGCCAAAGAGACTCCCTCTGTGAATGTAATTCCTCTGCCTCGTCCTTCTGACTTTATCAAG CCGGGGAAGATGTGCCAGCCTGCCCCCAAGATGATCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
Restriction Sites:	SgfI-MluI
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).

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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]

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