

Product datasheet for MR201056

Mcpt4 (BC026198) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mcpt4 (BC026198) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Mcpt4
Synonyms: MMCP-4, MMCP-4A, MMCP-4B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201056 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGCCCTACTATTCTTATGGCACTTCTCTGCCTTCTGGGGCTGGAGCTGAGGAGATTATTGGTG
 GTGTTGAGTCTAGACCACATTCTCGCCCTTACATGGCCCATCTGGAGATCACCCTGAGAGAGGGTTAC
 AGCTACCTGTGGTGGTTTCTCATAACCCGCCAATTTGTGTTGACTGCTGCACACTGTAGTGAAGAGAA
 ATCACTGTCACCCTTGGAGCTCATGATGTGAGCAAGACAGAATCCACACAGCAGAAGATAAAAGTAGAAA
 AACAAATCGTTACCCAAAGTACAATTCTATTCCAATCTCCATGACATCATGTTGCTGAAGCTTCAAAA
 GAAAGCCAAAGAGACTCCCTCTGTGAATGTAATTCCTCTGCCTCGTCCTTCTGACTTTATCAAGCCGGGG
 AAGATGTGCCAGCCTGCCCCAAGATGATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201056 protein sequence
 Red=Cloning site Green=Tags(s)

MQALLFLMALLLPSGAGAEIIGGVESRPHSRPYMAHLEITTERGFTATCGGFLITRQFVLTAHCSGRE
 ITVTLGAHDVSKTESTQQKIKVEKQIVHPKYNFYNSLHDIMLLKLQKKAKETPSVNVIIPLRPSDFIKPG
 KMCQPAPKMI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

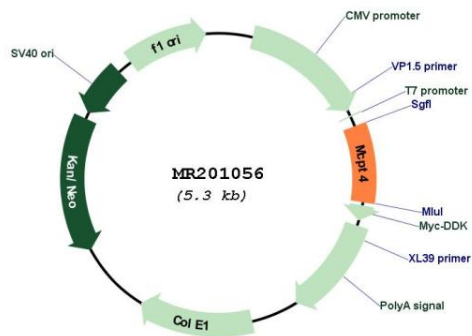
Restriction Sites: Sgfl-MluI



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]

Product images:



Circular map for MR201056