

Product datasheet for MC208212

Capns1 (NM_009795) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Capns1 (NM_009795) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Capns1
Synonyms:	Capa-4; Capa4; Capn4; Cdps; Ccss1; D7Erttd146e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208212 representing NM_009795 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTCTTGGTGAATTCGTTCTTGAAGGGCGCGGTGGCGGTGGGGGAGGCGGGGTCTGGGCGGGGCC
TGGGGAATGTGCTCGGAGGCTGATCAGCGGAGCTGCTGGCGCGCGCGGTGGCGGTGGAGGCATGGG
ACTGGGAGGAGGTGGCGGAGGCGGTGGAAGTCCATGCCATCCGCGGAGTCAATAGCGCCATCAGC
GAGGCTGCTGCGCAGTACAACCCGAGCCTCCGCTCCACGTAGTCATTACTCCAATATTGAGGCCAACG
AGAGTGAAGAAGTCCGTCAGTTCAGGAACTTTTGTCCAGCTGGCTGGAGACGACATGGAGGTCAGCGC
CACAGAACTCATGAATATCCTCAACAAGTCTGACCCGACCCGGATCTGAAAAGTATGATGTTTTGGC
ATTGACACTTGTGCGGAGCATGGTGGCCGTATGGATAGCGACACACAGGCAAGCTGGGCTTTGAGGAGT
TCAAATACCTCTGGAACAACATTAAGTGGCAGGCTATATACAACGCTTTGATACTGACCGATCAGG
GACTATCGGTAGCCATGAACTTCCAGGGCCCTTTGAGGCAGCAGGATCCACCTGAATGAGCATCTCTAC
AGCATGATCATCCGGCGCTACGCAGATGAGAGCGGGAACATGGATTTGATAAATTCATCAGCTGCTTGG
TCAGGCTAGATGCCATGTTCCGCGCTTCAAATCTTTGACAAAAATGGCACCAGGACAGATCCAAGTGAA
CATCCAGGAGTGGCTGCAGCTGACTATGTATTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_009795
Insert Size:	807 bp



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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:	NM_009795.3 , NP_033925.2
RefSeq Size:	1461 bp
RefSeq ORF:	807 bp
Locus ID:	12336
UniProt ID:	O88456
Cytogenetics:	7 17.31 cM
Gene Summary:	Regulatory subunit of the calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. [UniProtKB/Swiss-Prot Function]