

Product datasheet for **RR208628**

Clptm1l (NM_001108240) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clptm1l (NM_001108240) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Clptm1l
Synonyms:	RGD1307896
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR208628 representing NM_001108240
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGGAGCGGCCGAGCTCCTTTACCAGCTTGGTGGTGGCGTGTTCGTTGGTGTACGTGGTGCATACCT
 GCTGGGTTATGTATGGTATCGTCTATACCGTCCGTGCTCGGGTGACGCCAACTGCATCCAGCCCTATCT
 GGCCCGCGGCCCAAGCTGCAGCTGAGTGTTTACACCACCACACGGTCCAGCCTTGGTGCAGAGAACAAT
 GTGGACCTGGTCTTGAACGTGGAAGACTTTGATGTGGAGTCCAAATTTGAAAGGACAGTTAATGTTTCTG
 TACCAAAGAAAACAAGAAAACAATGGGACGCTGTACGCATATATTTTCTACATCATGCTGGGATTCTGCC
 CTGGCACGATGGGAAACAGGTACACCTGGTCTGACTACTTACATGATCCCAAACAGAAAGAA
 ATTAACCTGCTCACTGGGAGTCTGCCACACAGCAGCAGATAGAAGCAGAGAGGAAGCCATCGAATGCC
 TAGATGAGCCCGTCTCACTGGCGACCACGGCTGACCCTGAATGTGATGGTGGAGTACTCGTCTTTGA
 TGGTTCCTCCCTCCCTGCAGATGTGCATCGATACATGAAGATGATTCAGCTTGGGAAGACAGTTCACTAC
 CTCCCCATCCTGTTCAATTGACCAGCTGAGCAACCGGGTGAAAGACCTGATGGTGAATAATCGGTCCACCA
 CTGAGCTGCCACTCACTGTGTCCTATGACAAGATCTCACTGGGGCGGCTGCGCTTCTGGATCCACATGCA
 GGATGCCGTGTAATCCCTGCAGCAGTTCGGGTTTTCAGAAAAAGATGCAGATGAAGTGAAGGGAATTTTC
 GTAGACACCAACTGTATCTCTTAGCATTGACCTTCTTTGTTGCAGCTTTTACCTTCTTTTTGATTTCC
 TGGCATTAAAAATGACATCAGTTTCTGGAAGAAAAAGAGCATGATTGGAATGTCTACCAAAGCAGT
 GCTCTGGCGTTGCTTCACTGTGGTCTCTTCTCTTCTGCTGGATGAACAGACAAGCCTGCTGGTG
 CTGATCCCTGCAGGTGTGGGGCTGCCATTGAGCTTTGAAAGTGAAGAAGGCATTGAAAATGACAGTGA
 CCTGGAGGGCGTGAGACCTGTGTTTCAGTTTGGCACCCATAGTGTGCTGAGAGGAAGACTGAGAAATA
 CGATGCTCAGGCCATGAAGTACTTGTCTTATCTGCTCTACCCCTCTCTGTGTCGGGGCGCTGTCTACTCA
 CTCTGAATATCAAGTATAAGAGTTGGTACTCCTGGCTCATCAACAGCTTTGTGAATGGTGTCTATGCC
 TTGGCTTCTCTCATGTTGCCCGACTTTTTGTCAACTATAAGATGAAGTCAAGTGGCCACCTGCCTTG
 GAAGGCCTTACCTACAAGGCGTTAACACCTTATTGATGATGCTTTTGCCTTTCATCATCACCATGCC
 ACATCCCACCGGCTGGCCTGTTTCAAGATGACGTGGTCTTCTGGTCTACCTTTACCAGCGGTGGCTTT
 ACCCTGTGGATAAGAGCAGGGTCAATGAATTTGGGGAGTCTTATGAGGAGCAGCCCAAGCGGAAGCCCA
 CCCAGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR208628 representing NM_001108240
 Red=Cloning site Green=Tags(s)

MWSGRSSFTSLVVGVFVVVYVHTCWVMYGIYVTRPCSGDANCIQPYLARRPKLQLSVYTTTRSSLGAENN
 VDLVLNVEDFDVESKFERTVNVSVPKTRNNGTLYAYIFLHHAGILPWHGKQVHLVSPLTTYMIPKPEE
 INLLTGESATQQIEAERKPSNALDEPVSHWRPRLTLNVMVDDFVFDGSSLPADVHRYMKMIQLGKTVHY
 LPILFIDQLSNRVKDLVINRSTTELPLTVSYDKISLGRFRWIHMQDAVYSLQQFGFSEKDADEVKGF
 VDTNLYLLALTFVAAFHLLDFLAFKNDISFWKKKSMIGMSTKAVLWRCFSTVVIFFLLDEQTSLLV
 LIPAGVGAAILWKVKKALKMTVTWRGVRPVFQFGTHSESERKTEKYDAQMKYLSYLLYPLCVGGAVYS
 LLNIKYKSWYSWLINSFVNGVYAFGLFMLPQLFVNYKMKVAHLPWKAFYKAFNTFIDVFAFIITMP
 TSHRLACFRDDVVFLVLYLQRWLYPVDKSRVNEFGESYEEQPKRKPDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_001108240

ORF Size: 1617 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001108240.1](#), [NP_001101710.1](#)
RefSeq Size: 2312 bp

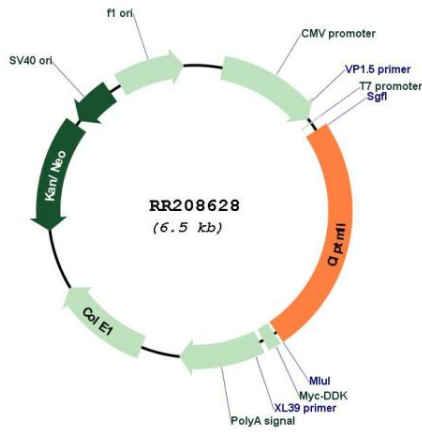
RefSeq ORF: 1620 bp

Locus ID: 316916

Cytogenetics: 1p11

MW: 62.3 kDa

Product images:



Circular map for RR208628