

Product datasheet for MC209992

Crtam (NM_019465) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crtam (NM_019465) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Crtam
Synonyms:	MGC141606; MGC141607
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NM_019465.2 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGTGGGGAGCCCTCAGTTTGCTGTTCTGGGTGCCGGTGCAAGCAGCCTTTCTGAAAATGGAGACCG
TCACGGTAGAGGAAGGCCAAACGCTCACTCTAACGTGTGTTACTTCTCAGACAAAAACGCTCTCTCCA
GTGGCTGGCTCCCTCTGGGTTACCATTTTTTAAACCAGCATCTGCTTTAAAAAGCTCCAAATACCAG
CTTCTTACCATTACGCTACACAACCTCCATTAGTGTGTCGAATGTAACCTCCGAGAGGAAGGTGTGT
ATACATGCTTGACTACGGGAGTTCTGTGAAGACGAAGCAAGTGAGAGTGACCGTGTAGTGACTCCTTT
CCAGCCAACCGTGAAGCTTTGGTTCTCAGAAGGCAGAAATGGAGAGAAAATCGGTTGTGCTGAAATGTTC
ACAGAGAGAAGCAAGCCCCGCCACAAATCACCTGGCTGCTGGGGAAAGGTCTGGAGATCTATGGTGAAC
TCAACCATGAATTTGAAGCTGATGGGAAAATATGTAACACCAGCAGCATGCTCATCGCCCGCATAACGG
CAAAAACCAACCGTGCCTGATTATCCAGCAGGAGGCTTGCACGGGAGAAAGCTGGTTGCCCTTC
CAGTTTGAAGATTTGGATCAAGAACTTCAGATGCCCTGAGCAGAGCTCTCTCTCTCCCAAGCCCTCC
AGCAGCCACAAGTACAGTCTCAATGATGGAATAATCCAGTATACCAGAGACTGACAAGGAAGAGAAAGA
ACATGCCACTCAAGACCCTGGCTTGTCCACTGAAGCCAGTGCTCAGCATAACAGGACTGGCCCGGAGGAAG
AGTGGTATCCTGCTGCTCACACTGGTGTCTTCTCATTTCATCTTTTTCATCCTGTTTCAGCTCTTCA
TCATGAAGCTGCGTAAAGCACACGTGGTATGGAAGAAGGAAAGTGAATTTTCAGAGCAAGCTCTAGAAAG
TTACAGATCAAGATCCAACAACGAGGAGACATCTTCCAGGAGAATAGCAGCCAGGCTCCCAGTCTAAG
CGTTGCATGAACTACATCACGCGTTATACTCGGGAGCCAAAACAAGAAGAGTGCCAGCACTGGAAGC
TCGGAGGCAAGCACAGCCGTGTCCCGAGAGTATTGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja1394_d04.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_019465
Insert Size:	1161 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:	<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_019465.2 , NP_062338.2
RefSeq Size:	1876 bp
RefSeq ORF:	1179 bp
Locus ID:	54698
UniProt ID:	Q149L7
Cytogenetics:	9 21.79 cM
Gene Summary:	<p>Interaction with CADM1 promotes natural killer (NK) cell cytotoxicity and interferon-gamma (IFN-gamma) secretion by CD8+ cells in vitro as well as NK cell-mediated rejection of tumors expressing CADM3 in vivo.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1, resulting in an isoform (2) that is 1 aa shorter than isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>