

Product datasheet for MC225232

Cad (NM_023525) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Cad (NM_023525) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Cad
 Synonyms: 2410008J01Rik; AU018859; Cpad
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC225232 representing NM_023525
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGGCCCTGGTGTGGAGGACGGGTCGGTCTGCAGGGCCGGCCCTTTGGGGCCGCTGTGTCGACTG
 CTGGGGAAGTGGTGTTCAGACCGGCATGGTCGGCTACCCAGAGGCCCTCACTGACCCTTCTACAAAGC
 TCAGATCCTAGTGCTAACGTATCCTCTCATCGGCAACTACGGCATTCCCTCAGATGAAGAGGACGAGTTC
 GGCTGAGCAAGTGGTTTGAATCCTCGGAGATCCACGTGGCGGGACTTGTAGTGGGAGAATGCTGTCCCA
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ACCGACGAGCCTTCGCTGCCAGGATGGCTGAGATCGGAGAGCATGTCGCCCCAGTGAAGCGGCAAATTC
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 TCCCGGCTAGAGACCATGTTGCCGCTGCTGCTGACAGCTGTGAGCGAGGGCCGCTCAGTCTGGATGA

CCTGCTGCAGCGATTGCACCACAACCCTCGGCGGATCTTCCACCTGCCTCTCCAGGAGGACACCTATGTA
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 CCTCCTTCAACTCCGCCACCACCGAAATCACCACGACACCTGAGCGACCACGCCGAGTCATCCCGGGCC
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 CCAAGCAGGAGGAGTTTGGAGCATCGAGGAGGCGCTGCCCGACACAGACGTGCTCTACATGACTCGGAT
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 ATCATGACCCGGGCAAGAAGAAGATGGTGGTATGCACCAATGCCCGTGTCAATGAGATAAGTGTGG
 AGGTGGACTCGGACCCCGGGCAGCCTACTTCCGCAAGCTGAGAACGGCATGTACATCCGCATGGCCCT
 GCTTGCCACCGTCTTGGCCGTTTAG

ACGCGTACGCGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_023525
- Insert Size:** 6678 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:**
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_023525.2](#), [NP_076014.1](#)
- RefSeq Size:** 7159 bp
- RefSeq ORF:** 6678 bp

Locus ID: 69719

UniProt ID: [B2RQC6](#)

Cytogenetics: 5 B1

Gene Summary: This protein is a "fusion" protein encoding four enzymatic activities of the pyrimidine pathway (GATase, CPSase, ATCase and DHOase).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).