

Product datasheet for MC213086

Gmnc (NM_001013761) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gmnc (NM_001013761) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gmnc
Synonyms:	Gmc1; Gm606; Gm1778
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213086 representing NM_001013761 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAAGATGCTGTGTTCCAGAACAGCATTCTGCCTTGCCAAGATCAGTATTTGTAGGAGGCCAGAGTT
 ATAATTGCCCGTATTCCACTACAACGTCAGAATCTGGTGTGACGTTTCCAAGGAGACTTGGGTCTCTTT
 CTGGGCTGCTGGTCTCCTGGACAACACTGAGCTCCAGCAAGCACCACAAGTCTGGAATCGCCCTCTGAG
 TTAAGTTTCCCTGTTCTGGAATCATGTTTATGGGAAGAGGCTCAGCTCTCATCTCAGCTCTACAGAAATA
 AACAGCTCCAGGATACTCTACTGCAGAAGGAGGAAGAACTTGCTAGGCTACATGAAGAGAATAATCACCT
 CAGACAATACCTGAATTCTACTTTGGTTAAACGCTCTGGAAGAGAAGGCCAAGAAGTTGCTGTCATCAGAT
 GAGTTTTCCTAAAGTGTGTTGGAAGAACTCAGAAAAGAGAAGAGGAAACCCAAAGAACACAGACACTCCCTG
 CTGAGATTCCCGAGTTCAAACTGCCAAGAGAAACCTCTCCACAGAGTTTCTAACTGTGAGGAACAACC
 TGGGCCCCATGTGGACCCCTGGGTTCTTCAACCCCTTGGGTTAAAGACCTCAACACCATTTGATGACACT
 CTACCAGCTAACTACAGTGCCACCACCTCTCATCCAGAGCAGTTCCAGTATTTCTCTCTGTTGTAC
 ATGATGCAATGGCTATGCAATGTCCCAGAGATCTACACCTCGACTATGTAGGTCAGGGAACACATGG
 CTCACATACCACCTCCATCCACCAGGAAGATTGTCACAGTTTCTTAGGCTTTCTAATCCTCCAGTGAGG
 GTGCAGACTCTTCTTACCACACTGCAGATGTGTACCCCAACAAGACAGAGATGGCCTTTTCCACATCTT
 TGAGCCCTCACTGTAATGTGAAAACCTCACTCCTTCCACCAGGGACAAGCCTTTGTGCGTCGAGATGAGGA
 AGGAGGTTGGAAGTTTACCTGGTCCCTAAGCAGACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001013761
Insert Size:	1020 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001013761.2, NP_001013783.1</u>
RefSeq Size:	4354 bp
RefSeq ORF:	1020 bp
Locus ID:	239789
UniProt ID:	<u>Q3URY2</u>
Cytogenetics:	16 B2
Gene Summary:	Regulator of DNA replication. Promotes initiation of chromosomal DNA replication by mediating TOPBP1- and CDK2-dependent recruitment of CDC45L onto replication origins (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shortest transcript and encodes the longest isoform (1). 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.