

Product datasheet for **MC213145**

Gm428 (NM_001081644) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gm428 (NM_001081644) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gm428
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213145 representing NM_001081644
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGAGAGAAGATAACCGAGTCCAAAGTGTGAGAAATGACAAAGAAGCCAATAGGAGGAGGAGGCTGA
GGCAAGAAGGCCAAAGTTCCTCAGGTCCGTGTGATAGCCCGTGGACTGAGGATGAAATCTGGATCTTGCT
GCAAGAGTGGGCAATGGTTGAATATGAACTCGGAGACCCAGGCAATAAGATGCATGCGAAGGCCAAGTCC
CTTAGCAGACGCCTCTCTAATCGGGTCTGAGGAAGAGCAAGAATAGCTGCCTTGATGTGATGGTGAAGA
TGAAGGACCTGCACACACGTCTTTGTAACGAGAGGCCCGGGCTTACCGCTTGATTCGACTTATGAATG
GATCCTGTACGAGATCTGGGCCACCCAGATCCAGGGAGGCTATGTGCCAGGTCCTTGGTTTGTGATGGG
CACGGTAACCCACCAGCTTCCTATGCAACTCCCTCTGCATTGGTGGCCATCTCTTAGGCCCTTCT
TTAGCCCATGGACCGACCCTGAAATCAAGATCTCCTGCAGGAGTGGCAAGTGGTTGAACGGGAATTTGG
CCACCCAGGCCAGAAGATCAAGCAGAAGAGCAGTCTTGTGGCCAGCTCTATCATCGAGGCCTGTTC
AAGGACATCCAAAGCTGTTTGGACCTGATGTGGACCATGAAGGATCTGCACTCCACTCTCAGTAGAGAGA
GATCAAGGACTGTACCCTGTTTCTCCTTATAGAGATTATCTGGAAGGATCTTCGACCCCAAATGTCA
GAGAGGCCATGTTCCAGGTGTTCAAGTATAATTGGTCTGGTTACCACAGGCCTTCCCAAACCTCAAAC
CCAATGGTGATGCCATCTCCTGTATACCGCCTTGGGATTATGGCATGGCTGCATCTTCTGGTCAGCTTC
CCTGGATCCCATTACTAATCATGTCAGTCCAGGACTTACTGGTTCCAGATGGGATGCCTGGAATGCCAC
CTATCCATTGCCAGTTCAACATGTATTTTCAGGCCTCTCTCCCTGGAGACAACAACCTTTCAGCAGCTGTGG
TCACCTCGTGATGAGAGCTCAAGTCCTCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001081644
Insert Size: 1083 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:	<u>NM_001081644.1</u> , <u>NP_001075113.1</u>
RefSeq Size:	1325 bp
RefSeq ORF:	1083 bp
Locus ID:	242502
Cytogenetics:	4 C3
Gene Summary:	This gene belongs to a family of related genes tandemly arranged in two clusters on chromosome 4. This family, which appears to be mouse-specific and composed of multiple highly similar members, is supported by limited transcript data. Members of the family maintain an intact open reading frame although the encoded protein has no known function. This gene is supported by alignment of transcripts. [provided by RefSeq, Apr 2013]