

Product datasheet for **MC218380**

2410127L17Rik (BC092281) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: 2410127L17Rik (BC092281) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: 2410127L17Rik
 Synonyms: 2410127L17Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC092281
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCAGCGACGACAGCGCTCCGCCGCGTCTCAACCGCCAGGACGGCGGGCGAAGCGAGGACGTGG
 AGGTGCAGTTCTCGCCGGCGTTGGGCTCGGCCGCGCTCGGGGCCCGCGCGCGCACCCGCGGA
 GGACGAGGAGCGCTGGAGCGGAGCAGTCTGGAAGGTCAACGCGTTCCGCTACTACGGCACCAGC
 ATGCATGAACGAGTGAACAGAACAGAAAGACAGTTTCGGTCCCTCCAGAGAACCAGCAGAACTGCTTC
 CTCAGTTTCTTCACTTGGACAAGATCCGAAATGCATTGACCATAATCAGGAAATACTGCTGACCAT
 TGTGAATGATTGCATACATATGTTTCGAAAATAAAGAATATGGAGAAGATGCCAATGGAAAGATTATGCCA
 GCATCTACATTTGACATGGATAAGTTAAAATCTACACTGAAACAGTTTGTAAAGAGACTGGAGTGAGACCG
 GGAAAGCAGAAAGGGACGCTGCTATAAGCCAATCATTAAAGAGATTATCAAAAATTTCCAAAGGAGAG
 ATGGGATCCTTCTAAAGTAAATATTCTGGTACCTGGTCTGGACTAGGAAGATTGGCCTGGGAAGTAGCT
 ATGCTAGGTTATGCTTGTCAAGGAAATGAATGGAGTTTTTTATGCTCTTTCTTCCAACCTTTGACTCA
 ACAGATGTTCCGAAATTAACAAATAAACTTTATCCCTGGATCCATCAGTTTAGCAATAATCGGAGATC
 AGCTGATCAGATCCGACCATTTCTTTCCCTGATGTTGACCCACAGTCTTCTCCTGGTTCTAACTTT
 TCCATGACAGCAGGAGACTTTTCAGGAGATTTACTCTGAATGCAATGCCTGGGACTGTATTGCCACCTGTT
 TCTTCATAGACACAGCTCACAATGTAATTGATTATATTGATACGATATGGAGAATACTCAAGCCAGGTGG
 AATCTGGATAAATCTTGGTCTCTACTATAACATTTTGAATACTGGCAAATGAACTGTCTATAGAATTG
 AGCTATGAGGATATAAAAATGTTGTTCTTCACTATGGATTTTCAGCTAGAGGTGGAGAAAGAACTGTAT
 TGCAACATATACTGTGAATGATCTCTATGATGAAATACTACTATGAGTGTGTTTTGTTGTGGTCCG
 GAAGCCACAATAA

AG**CGGACCG**ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
 TCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-RsrII
ACCN:	BC092281
Insert Size:	1203 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:	BC092281 , AAH92281
RefSeq Size:	1485 bp
RefSeq ORF:	1202 bp
Locus ID:	67383
Cytogenetics:	19
Gene Summary:	N-methyltransferase that mediates the formation of anserine (beta-alanyl-N(Pi)-methyl-L-histidine) from carnosine. Anserine, a methylated derivative of carnosine (beta-alanyl-L-histidine), is an abundant constituent of vertebrate skeletal muscles. Also methylates other L-histidine-containing di- and tripeptides such as Gly-Gly-His, Gly-His and homocarnosine (GABA-His).[UniProtKB/Swiss-Prot Function]