

Product datasheet for **MC214661**

Gm5136 (NM_203660) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm5136 (NM_203660) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm5136
Synonyms:	C6.1AL; EG368203
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC214661 representing NM_203660 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCGGTGCGGATGATGCAGGGAGTGCAGGCGGTTTACCTTGAATCGGACGCTTCTCTGGTTTGTCTCA
ATCACGCTCTGAGCACAGAGAAGGAGGAAGTGATGGGTCTGTGTATAGGGCAGTTGAATGATCACGGGAG
GAGTGACTCCAGGCTTGACATACGCTGGAGCTGAGATGTGCACAGTTGCGAAAAAGATGGAGGCCACCAGA
ATTGTTACATTCTGTTATTATCTTGCAGGTTCTGACAAGACAAAGGACCGGTAGAAAATATCTC
CGGAGCAACTGTCTGCAGCCTCGATAGAGGCAGAACGGTTAGCAGAGCAACAGGTCGCCATGAGAGT
TGTGGGCTGGTACCATTCCCACCCTCATATAACCGTTTGGCCTTCTCATGTGACGTGCGTACACAGGCC
ATGTACCAGATGATGGATCAGAGCTTGTAGGACTGATCTTGTCTTGTTCATAGAAGACAAACCCACAA
AGATAGGCCGTGACTCTATACTTGCTTCCAGTCTGTACAAGCATCGAAGAGTTCAGAATATGAGAGACT
TGAAATCCCAATCCATATTGTACCTCGTACCACCATCGGGACAGTATGCCTCAGGTCAGCCATAGAGCTG
CCGGGGATCCTATGTGAGGAAGAACAAGAGGCATATAGGAGGATTCACGGCCTTACACATCTGGACTCAG
TAACTAAGATCCATAATGGCTCTGTATTACCAAGCATCTGTGCAGTCAGATGTCCGCGGTCTGTGGGCC
TCTCTACAGTGGTTGGAGGACAGACTAGAGCAAAACCAGCAGCCTTTCAGGAGTTGGAACAAGAAAAG
GAAGACCTTATGGAAGAGCTGTCTCCCTAGAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_203660
Insert Size:	876 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:	NM_203660.2 , NP_988991.1
RefSeq Size:	1117 bp
RefSeq ORF:	876 bp
Locus ID:	368203
UniProt ID:	Q7M757
Cytogenetics:	10
Gene Summary:	Metalloprotease that specifically cleaves 'Lys-63'-linked polyubiquitin chains. [UniProtKB/Swiss-Prot Function]