

Product datasheet for **MC227921**

Gm16513 (NM_001200055) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm16513 (NM_001200055) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm16513
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC227921 representing NM_001200055
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTGGTCAGACCCACCCACTCCAGAAGCGAGCAAGGCAGACACAGCTGAGAGATGAGGCTTTGG
 CCATATCCCTCTGGAGAACGTGCCAGCTGTGTACATCCCATGGCTGTTCCAAGAGGCCTTTGCTGGCAG
 ACACAACCTCGCTCATAAAGACAATGGTGGCAGCCTGGCCTTTCCAATATCTCCCTGTGGGTCATTGATA
 AATATGCATAACCTGAAACCTTGAAGCTCTGTAGATGGTGTAGACAGGAGACTGACAAGAAAATTTCC
 CCCCCGGGAGGCCAAAACCTCAGGTTCTCGACATGAGAAATGTGCACCATGTCTTCTGGAACATAGGGAG
 CGATGCAAATGACAGTGACTCTGATGCAGAGACCTTGGATGAAAAGCAAGTAGTGAAGGCCCTTCCGAGA
 TATGCACTGAGGCAGCGTCTGAAGATCATAGTTGATCTGTCAATCAGTTCTCAGCTCAATGAAGAAAAAG
 CATATTTCTTGAATTGGCCAAGCAGAGAAAGGGTCCATAAATTTCTGCTGTACAAAGATGAAGATCTG
 GGATGCACCAGACAAAGTTATCAGAGAAATCATGAATGTTTTTCATCCAGAGCACATTACAGAATTAGAA
 CTGTATACCGACTGGACTCTGTTGCGGCTGGCACATTTTCTCCCTACTTTGGGCAGATGAAAAATCTTG
 AAAAGTCTTCTGGCACCCTCCACAAGAATACCTCCCTATTATGAATATAACAGGGGCTCAAAGT
 CAAGTGTATCAAAAAGATTATTTCTCAGTTTTCCAATCAACTGTCTCCAACATGTCTTCATGAAACGT
 GTCCATTTTCTCAGAGACCACCTGCATCAGATCCTAGGGTGCCTGAGGACGCCCTTGAGACCCTCTCCA
 TCACTCACTGCCTAATTTACAGACAGACTTGGATTCTTTTCTGCTGTCAACCTTTTTAAGTTAAA
 AAATCTGGAATCAGAGGAGTGACATTATTTGCTCTCGATCTTATGCCTCTGAGAGGTCTCCTAGGAAAA
 CTGGCAGGTACTTAAAGTCTCTGGATTTTCAGTGGTGTAGCATGAAGGACTCCAGCTCATTGTCTCT
 TACCTGCCCTCAGTCAATGCTCTCAGCTCAACCAGATCAACTTCTACAGCAATGACTTCCATGGCCAT
 CCTGAAGGACCTTTTGCAGCACACAGCCACCTGGAGCAAGATGAATGTGGAACAATACCCTGTCCCTCTG
 GAGTGCTATGATGCATTGGGTCTGTCTCCAGAGAAAGATTTGTGGAACCTTTGTCAGGAGCTCATGGATA
 CCCTCAGGGCCAAAAGAGAGCCTAAGAGCATATCTTTGCAACAAATGTCTGCCAAAATGTGGCAAGAC
 CTGTGTCTATGGCCAGGGGGCAAGGCTTTGTTCTGTTTCAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001200055
- Insert Size:** 1446 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001200055.1](#), [NP_001186984.1](#)

RefSeq Size: 2901 bp

RefSeq ORF: 1446 bp

Locus ID: 100041253

Cytogenetics: 5 E3