

Product datasheet for **MC220483**

Gm7534 (NM_001080712) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm7534 (NM_001080712) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm7534
Synonyms:	EG665186
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220483 representing NM_001080712
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAACAACAACCTTCAATGACAACAACCTCAATGACATTAAGCACACCAGAGGATGCCATCCTGTCAT
 CTGGAAGTGGGATACCCACCGTGCCTGAGAAGTTAACTCTAACTGCACCCTCATCAACACTGGATAAAGC
 CATTGACACAAATAAACCTTTACACATGACAACCTGTGACAATTAGGGACACCTCTTCACCAACCACAGCT
 AATCTGAGGACCGTTGTGCTTAGCACAGCCACATCTGAGACTCAGGAAAGGGACACTACAACCTGTACCCC
 CAACCCAGCAACAGGCCCCACAACAATGAGTATGTCACCTGGCACACACCACAGCACAATCACACAGAC
 ACCTTCCCAGCCACAGACGGACTCAAGCGACAGCAGGACTAAACTCACAACACTGCCACCACCAAGGCC
 ATCACCCTGGAATGAGATCCTCAGTGTCCCAAGCCAGGGGAGGCAGACATGACTGTGACAACAACA
 CAACTTCAATGACAACACCTCAACGACATCAAGCACACCAGAGGATGCCATCCTGTCTGGAAGTGG
 GATACCCACCGTGCCTGAGAAGTTAACTCTAACTGCACCCTCATCAACACTGGATAAAGCCATTGACACA
 AATAAACCTTTACACACAACAACCGTGACAACCTAGAGACACCTCTTCACCAACCACAGCTAATCTGAGGA
 CCACTGTGCTTAGCACAGGCACATCTGAGACTCAGGAAAGGGACACTACAACCTATACCCCAACCCAGC
 AACAGGCCCCACAACAATGAGTATGTCACCTGACACACACCACAGCACAATCACACAGACACCTCCCAG
 CCAGCACAGACGGACTCAAGCGTCAGCCTGGGTACAACCCAGTCATCGGACCATTCTACAGCCCTTGTT
 CTAGCTCCTCAGAGACAACCAATCCTCCACTATGATCGGGACCAGTAAAGCACCTCCAACCTCTAACCA
 GAGCAGTGGTCCGGGAGGTGGCACCTGTGCTTTGGATGAGTATCAGGCCAGTACCGGAGGTTGTGCGTGC
 AATGACAGCTACTATCCCACTTGAAGTGTCTAGGGAGATAGCAACCCCTGCGCTGCAGGTCACAGGACA
 TTGAGGTGTCTCTCCTGAGCTGCTTCTGAAGACTCAACACTGGGTCTGAAGCAAGATGCCTTCGCGAA
 GTGTTCCAGTATCAGTACGACAGAAGAGGGTCATCGGGTCCAGGTCGTTTCAGGTGAGAAGAAGGAGGGA
 AGCTGCGGACTCCACATCTCTACCAACAGCAGCTATGCGGTGCACTCTTTAAATGTGCACCTTGAACAGG
 CTCTCCCTGGCTCCAGCAACACTAACTTCAAGTGTCTCCACTTCAAGTGTGTCTATCCACTGGCCGTGGA
 CGTCAGCAAGCCTGTGTCCACCTGGAGATCTCCATCCCCTCCATCCATGTTCCAAGTAGCGGAGAGACG
 GTCGTACCCTGAGCATCTTACAGACTCTAACTCTCGGCTCCACTTAAGAACAGTACAGCTCCTGTGCG
 GCCTGCCCTCTACGTGGTCTCAAGTCCACCAACAATGACCCTGACCGGTTTGTCTGGTGGCTAATGA
 GATCTTTGCAAGTACCAACGACTCCAACGCAGAGGCTAACGACTCCACCTATCCTTTGTGAAGGAGAGC
 TGCCAGTCCAGGCGGAATGCTCCAGGACTTGAGCAACGGGGCTCCATGGATGTGACTGGCCCTTTA
 CTGTCTACGATCTTGAATAGTGACATGCTTTACCTACAGCCAAAGTTACCCTCTGTGACAAGCAAGT
 AGGACACCATGCCAACCGTCTTGTAGTGGAAAGAACCCCTGCGGAGAAATTCACCCCGGATGCTCGA
 ACTGGGACCCAGAAGGAGCCTAGCGGTGGCAAGTGGATCGTGTGGACCTCTCCGAATAAGTGAGTCCC
 GAGCCTCCAGCAGCGGAACTCAGCAGGAGCCTGGATATCCATCTTTCTCCTGATCATGATTGGCTCGAT
 GCTGGA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001080712
- Insert Size:** 2040 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.

RefSeq: [NM_001080712.1](#), [NP_001074181.1](#)

RefSeq Size: 2338 bp

RefSeq ORF: 2040 bp

Locus ID: 665186

Cytogenetics: 4 D3