

Product datasheet for **MC216406**

Gm6583 (NM_001039228) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Gm6583
Synonyms:	EG625424
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC216406 representing NM_001039228
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGAGTCCCAAGGAAGTAGGCGAGGTACCCTTTACCCTCAGAGACAGGGAAGTGGAGCTACTCTTTTGC
 CCAACAGACAAAAAGCGGGACTGCTGAACCACCATTACTTCCTGCAAAGGATGAGACAGTTCCGGATACG
 TGAAGACTTCTCTTACAGAGCTACCCTGGCCAGGAAAAAGGCCATACATGACTTCCGGGTGAGGTGGCCA
 GAAGTATTCTCTGGAAGGAAGAAAAAGGAGGAACCTCCCGTACTTGGCCAAAGCTCATCTGACTTCC
 TCCCTGTTGCCAGCAGCTGCTCTTCAATGGTCAGCATCATCAACACAGACCTGGACAGCACTCCCACTGA
 GCTCCTGGATTCTAAAGTATTGGCTGCTGACTCCCAAGCCCTCCTTTACAGACTCCACATATGACCATT
 CTCAACAGCTATCTGAAGCCAGAGTCTCTGACACGGCTGGAGAAGAGGGTGAGGAGGAAGACCCTGGCAG
 CCATGGCTGAGCTGGAGCAGGACATGGAAGCGTTAAGAGACGACAGTCAGTGCTCATAAGGGACATCAA
 GGACATGCAGCAGGACATTTTATGTGAGAAAGCAGACAGCAAGCTATTCCTTGAGTACCTACAGCAGAAG
 AAGGAGGAGAAACAGAGGAAATATGACTCCCTGTGGAAGACTACATCCAGCAGTGTGAGGAGATCGAGG
 ACAGGAGGCGAGAGCTGGTCTCTACCTTCACTCCCGCACGGCAGGCCTCCAGAAACAGCTGGAGCAGGG
 CAGGAAGCTTGAGGCCAGCTTGAGGAAGAAGTGAAGGCCCTGGAGCCCGTGGCACAAGTGAAGGAGCAC
 CAGGAACAAACGATCCAGGCCCTAGAGCTGGAGAAAGCCAGCATAGGAAGTACCTCTCCTTACTGGACC
 GCGAGGCACACCTTCAGTTCTGGAAGGAAGGGCCGCTTGGAGAAGCAATTGGAGGATCTGAACCTGCT
 GGAGTCTGGAGAGCAATCACCAGAAAGCTGAAGAAGAAGGCCAAGGCCTTGGATGCCATGGCCAAACAG
 GCTCACAAGGGCTTCTGGGAGGGTATTAAAGCTCAGAACAGGGAGCTGAAAACACAGCTCTGGCAGCTGA
 ATCAGGAGTTCTGCAAGCTGGAGGCCGAAAGGAGAAGCTGGAACGGAGAAAGCAGCGGTGGAAGAGCA
 GCAGTGGTACCTGGAGGCTCTGGCCCGGGGAGAGAGCGCTGCAGCAGCAGGAGTACCGCAGGCAGCAG
 CAGGAGAACCACCCAGACCACAGACAGCTCCTCCACCAGCACTGAGCCGTCTATTAAGTGCCAGGC
 CAAAGCCAATCCTAAGAAATGGCTACCACATCCAGAAAGCAGACTGGAGCTGAAGCTGGGGCACTACA
 CAAAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001039228

Insert Size: 1410 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001039228.4, NP_001034317.2</u>
RefSeq Size:	2261 bp
RefSeq ORF:	1410 bp
Locus ID:	625424
Cytogenetics:	5