

## Product datasheet for **MR212580**

### Gm9992 (NM\_001142539) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm9992 (NM_001142539) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gm9992
Synonyms:	ENSMUSG00000056133
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR212580 representing NM\_001142539  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGAGGAGTCTGAAGAATGTTCTGGTGGTTTCTTGTGGCTTCTCTGCTCTTCACTGCCTACGGGG  
 GCCTGCAGAACTGCAGAGCAGCCTCTACAGTGAGCAGGGCCTGGGGTGGCGACTCAGCACACTCTA  
 TGCTCTGTGCTGCTGTCTCCATGTTCTCCACCTATCCTCATCAAGAAGTGTGGCTGCAAGTGGACC  
 ATCGTGGGCTCCATGTGCTGCTATGTGGTCTTCTCCCTGGGCACTTCCATGCCAACTGGTACACCTGA  
 TCCCTACCTCCATCTTGTGGGCTGGGTGCAGCCCTCTGTGGTGGCTCAGGGTACCTACCTACCAC  
 CATGGGAAATCTGCAAGCGAAAAGGTGGGGAAGCTTGGCAAAGATGTGGTGAACCAAGTATTTGGCATC  
 TTTTCTGGTATTCCAATCTTCTGGAGTGTGGGCAACCTGATTTCTCACTGGTGTTCGGAAGATGT  
 CCATGCAAGAGGCCATCCAGAGGAACAGCTCATGTCTGTGGAGCCAAAGACTGCCTGATGGGTCCAGC  
 GGCCACCAACAGCACTCATCCCTCACAGCAGCTGATCTACACTGTGGGCATCTACACCGGTGT  
 GGTGTCCTGGCCATCCTGCTGGTGTGTCTTGGAGTCTTGAAGATAAGCTTGAAGTGAAGGAG  
 AGAGGAGGCCAGACCACCACTTTGGTCCACATTACTGTCAACCTTCATGCTGTTTAGAGACAAGCG  
 TTTGTGCTCCTGATGTTCTGCCACTGTACAGTGGGTTTCAACAAGAGTTCTCTCTGGAGAGTACACA  
 AAGTCTTATGTGACCTGTGCCCTGGCATCCACTTTGTGGGTACGTGATGATCTGCTTCTCAGCCATGA  
 CTGCACTGTGCTCCCTGTGTATGGGAAGATCTCCAAGTACACGGGCAGGGCTGCGCTCTATGCACTGGG  
 AGCAGCCATTCACTTCTTGTGCTTGTGGTCTTCTGCTGTGGCACCCAAACCAACCAACTGCCTGTC  
 TTCTTCTGCTCTCTGGCCTGTGGGAAATGTCTGACGCTGTCTGGCAGACACAGAACAATGCTCTTTTCG  
 GTGCTCTTTGAGGAGAACAAGAACCCTGCTTTTGGCACTACCGCCTTGGAGAAGCCATAGGGTTTGT  
 CATTGCCTTTGGCTACAGCTCATTCTGTGTGAGTACCAAGCTCTACATCCTCTTGGGTGCTTGTGAGT  
 CTGGCCATGGTTGGTTACGGGACAGTTGAGTACCTGGAAGTCAAGGCTGCTTCCAAGTCTTGGTGCAG  
 AAAAGAAAACCAGGCAGAAAGAGGAAGAATGAAAACAAAATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR212580 representing NM\_001142539  
 Red=Cloning site Green=Tags(s)

MERSLKNVLVSCGFLLLFTAYGGLQNLQSSLYSEQGLGVATLSTLYASVLLSSMFLPPILIKCGCKWT  
 IVGSMCCYVVFSLGNFHANWYTLIPTSIILLGLGAAPLWSAQGYLTTMGNLQAEKVGKLGKDVVNQYFGI  
 FFLVVFQSSGVWGNLISSLVFGKMSMQEAIPEEQMLMSCGAKDCLMGPAATNSTHHPQQQLIYTLGLIYTG  
 GVLAILLVAVFLESLEDKLENEGERRPRPPLWSTLLSTFMLFRDKRCLLMLFLPLYSGFQEFLSGEY  
 KSYVTCALGIHFVGYVMICFSAMTALCSLLYGKISKYTGRAALYALGAAIHFSCVVVFLWHPNTNQLPV  
 FFVLSGLWMSDAVWQTQNNALFGVLFEENKEPAFANYRLGEAIGFVIAFGYSSFLCVSTKLYILLGVLS  
 LAMVGYGTVEYLEVKAASKVLGAEKKNQAEEMKTKM

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9017\\_d05.zip](https://cdn.origene.com/chromatograms/mm9017_d05.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001142539

**ORF Size:** 1374 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001142539.1](#), [NP\\_001136011.1](#)

**RefSeq Size:** 1593 bp

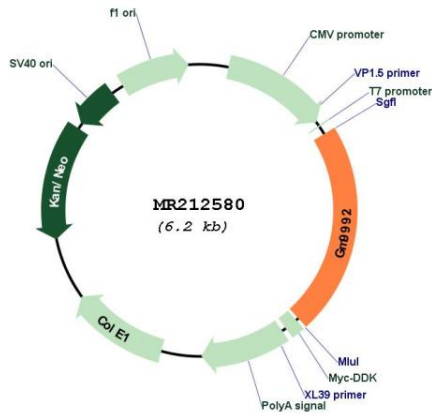
**RefSeq ORF:** 1377 bp

**Locus ID:** 667055

**Cytogenetics:** 17 A1

**MW:** 50.8 kDa

Product images:



Circular map for MR212580