

## Product datasheet for **RN205590**

### Eef1g (NM\_001004223) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Eef1g (NM\_001004223) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Eef1g  
**Synonyms:** MGC94929; MGC114210  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN205590 representing NM\_001004223  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGCTGGGACCCTGTACACATACCCTGAAAACCTGGAGGGCCTTCAAGGCCCTCATCGCTGCTCAGT  
 ACAGCGGGGCTCAGATCCGCGTGTCTCCGCACCACCCCACTTCCACTTCGGCCAAACCAACCGCACCCC  
 CGAATTTCTCAGAAAATTTCTGCGGGCAAGTTCAGCCTTTGAGGGCGATGACGGATTCTGCGTATTT  
 GAGAGCAATGCCATCGCCTATTACGTAAGCAATGAGGAGCTACGGGGAAGTACACCAGAGGCAGCAGCGC  
 AAGTGGTGCAGTGGGTGAGCTTTGCTGACAGTGACATCGTCCCTCCAGCCAGCACCTGGGTGTTCCCCAC  
 CTTAGGCATTATGCACCACAACAAGCAGGCCACTGAAAATGCCAAAGAGGAGGTGAAGCGAATCTTGGGG  
 CTGCTGGACACTCATCTGAAGACACGGACTTTTCTGGTTGGTGAGAGGTAACACTGGCTGACATCACGG  
 TTGTCTGTACCCTATTGTGGCTCTATAAACAGGTCTTAGAGCCTTCTTTTCGCCAGGCCTTCCCAATAC  
 CAACCGATGGTTCCCTACCTGCATTAACCAGCCCCAGTTCAGGGCCATCTTGGGGGAGGTGAAGCTGTGT  
 GAAAAGATGGCTCAGTTTGATGCTAAGAAGTTCGCAGAGAGCCAGCCAAAAAAGGATAACCCGAGGAAAG  
 AAAAGGGCTCACGAGAAGAGAAGCAGAAGCCCCAGACTGAGCGAAAGAGGAAAAAAGGCAGCTGCCCC  
 AGCTCCTGAGGAAGAGATGGATGAGTGTGAGCAGGCATTGGCTGCTGAGCCCAAGGCCAAGGACCCCTTTC  
 GCTCACCTGCCCAAGAGTACCTTTGTGTTGGATGAGTTTAAGCGAAAGTACTCCAATGAGGACACCCCTCT  
 CTGTGGCGCTGCCATATTTTTGGGAGCATTTTGATAAAGGATGGCTGGTCCCTGTGGTATGCTGAGTACCG  
 CTTCCCTGAAGAGCTCACCCAGACCTTCATGAGCTGTAACCTCATCACTGGGATGTTTCAGCGATTGGAC  
 AAAGTGAAGAAAGATGCCTTTGCTAGTGTATCCTGTTTGAACCAACAACAGCAGCTCCATTTCTGGGG  
 TTTGGGTCTTCCGAGGCCAAGATCTTGCCTTTCCGCTGAGTCCAGATTGGCAGGTGGACTATGAGTCATA  
 TACATGGCGAAACTGGATCCTGGTAGCGAGGAGACCCAGACCCTCGTTCCGAGAGTACTTTTCTGGGAG  
 GGGCCTTCCAGCACGTTGGCAAAGCCGTCATCAAGGCAAGATCTTCAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001004223
<b>Insert Size:</b>	1314 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001004223.2</a></u> , <u><a href="#">NP_001004223.1</a></u>
<b>RefSeq Size:</b>	1433 bp
<b>RefSeq ORF:</b>	1314 bp
<b>Locus ID:</b>	293725
<b>UniProt ID:</b>	<u><a href="#">Q68FR6</a></u>
<b>Cytogenetics:</b>	1q43
<b>Gene Summary:</b>	Probably plays a role in anchoring the complex to other cellular components. [UniProtKB/Swiss-Prot Function]