

## Product datasheet for **RN209558**

### Eif5 (NM\_020075) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Eif5 (NM_020075) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eif5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209558 representing NM_020075 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCTGTCAACGTCAACCCGACGCTGTCAGACCAGTTCTATCGCTACAAGATGCCCCGTTTGATTGCTA  
AGGTTGAGGGCAAAGGAAATGGAATCAAGACAGTTATAGTCAACATGGTTGACGTTGCAAAGCGCTTAA  
TCGGCCTCCAACGTATCCACCAATATTTGGTTGTGAGCTGGGAGCACAGACCCAGTTTGATGTTAAG  
AATGACCGTTACATTGTCAATGGATCTCATGAGGCGAATAAGCTGCAAGACATGTTGGATGGATTACATTA  
AAAAATTTGTTCTCTGTCTGAGTGTGAGAATCCTGAAACAGATCTGCATGTCAATCCAAAGAAGCAAAC  
AATAGGTAATTCTGTAAAGCCTGTGGTACCGAGGCATGCTTGACACACATCAAACTCTGTACATTC  
ATTCTCAAAAACCCACCTGAGAAATAGTGACATTGGTACAGGAAAGAAAGAAAAGAAAAATAGAA  
AGGGCAAGGACAAGGAAATGGCTCTGTATCCACCAGTGAGACACCACCCTCCACCACCAATGAAAT  
TAGTCCTCCACATGCTGTGGAAGAAGAGGAAGATGATGATTGGGGGAGGATACTAACTGAGGAAGCTCAA  
AGGCGCAGAAATGGATGAAATCAGTGACCATGCAAAAGGTCTGACACTTAGCGATGATTTGAAAGAAGCTG  
TAGAAGAGCGTGTAAACATCCTGTTTGTATTTGTTAAGAAAAAGAAAGAAGAGGGCATTATTGATTCATC  
TGATAAAGACATTGTGGCTGAGGAGAAAGACTGGATGTAAAAGCCATGGGCCCTCTCGTTTTGACAGAA  
GTTCTCTTTGATGAGAAGATAAGAGAGCAAATCAAGAAATACAGGCGCCATTTTTAAGATTTTGCATA  
ACAACAAAAGGCCAGCGGTACCTTCTCATGGTTTGAATGTGTGGTAGCAATGCATCAAGCTCAGTT  
GATCTCCAAGATTCACATATCTTGAAGGAGATGTATGATGCAGACCTTTAGAGGAAGAGGTCATTATC  
AGCTGGTCAGAAAAGGCCTTAAGAAATATGTCTCAAAGAACTGCCAAAGAGATTCGTGTCAAAGCAG  
AGCCATTTATTAATGGTTGAAGGAAGCGGAGGAGGAATCTTCTGGTGGTGAAGGAAGACGAAGATGA  
AAATATTGAGGTGGTATATTCGAAGACTGCCAGTACCAAAAGTTGAACTGTGAAGTCTGACAACAAG  
GATGACGACATTGATATTGATGCCATT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_020075
<b>Insert Size:</b>	1290 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_020075.1</a></u> , <u><a href="#">NP_064460.1</a></u>
<b>RefSeq Size:</b>	3504 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	56783
<b>UniProt ID:</b>	<u><a href="#">Q07205</a></u>
<b>Cytogenetics:</b>	6q32
<b>Gene Summary:</b>	translation initiation factor that catalyzes the hydrolysis of GTP bound to the 40S ribosomal initiation complex [RGD, Feb 2006]