

## Product datasheet for **RN201744**

### Eif4enif1 (NM\_001107230) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Eif4enif1 (NM_001107230) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eif4enif1
Synonyms:	RGD1560908
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201744 representing NM_001107230 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGAAGAGAAGTGTGGATGAAACAGAAAATGGAGATGCTTTCCTTGACCTGAAGAAGCTGCCACCT  
CCAAATCCCCCACCCTATACGAAAGAGGAGCTCTTGGATATAAAGAAGCGCCATACTCCAAACAGAG  
GCCATCATGCCTCTCTGAAAAATATGACAGTGATGGTGTCTGGGACCCTGAGAAGTGGCATGCCTCTCTT  
TACCCAGCGTCAGGGCGCAGCTCACCAGTGAAAGTCTGAAGAAAGAGCCGGAATCAGATCGGCCTTCTC  
TGGTGCGCAGAATAGCAGATCCACGAGAGCGAGTGAAGAAGATGACTTAGATGTTGTTCTCAGCCCACA  
GAGACGAAGTTTTGGCGGTGGCTGCCATGTAACAGCTGCTGTTAGCTCCCGGCGCTCTGGCAGTCCATTG  
GAGAAAGACAGTATGGGCTTCGCTGCTGGTGGACGAAGAATTGGCAGTGGAAGAATAATTTCTGCC  
GGGCTTTGAGAAGGATCACCGTCTTAGCGATAAGGACCTACGAGACTTGAGAGACCGAGACAGGGAGAG  
GGACTACAAGGACAAGCGTTTTAGGAGGGAGTTGGAGATAGTAAACGTGCTTTGGTGAGCGTAGAAGA  
AACGATTCATACACTGAGGAAGAACCAGAATGGTTTTAGCTGGACCCACCAGTCAGTCTGAAACCATAG  
AGCTGACTGGCTTTGATGATAAGATTCTAGAGGAGGATCACAAGGGGAGAAAACGAACAAGCGCAGCGAC  
TGCTCTGTGAGGAAGGCATAGTGGAGTGAATGGAGGGTGGCTGAAGAGGACGAGGTGGAAGTCATT  
CTGGCCCAGGAGCCCTCTGCTGATCAGGAAGTTCCAAGGGATGTCATCCTACCTGAGCAGTCCCCAGGAG  
AATTTGACTTTAATGAATCTTTAACCTTGATAAGGTGCCATGCTTGGCTTCGATGATAGAAGATGTTCT  
GGGAGAAGGATCAGTCTCTGCCAGCGCTTCAGTAGGTGGTTCTCTAACCCAAGCCGGTCAGGGAGCAGA  
TCCAGCAGCCTCGGATCCACACCCCATGAAGAAGTGGAGACTGGCAGGTTGGAGCAAGCCGCTCTCT  
CTCCTGGACAGAAGTTCGGGAATATTTTGTCTCTATACCATCAGAAGACCATGCTGAAAATAAAGTGA  
CATTTTAGAAATGCTACAGAAAGCCAAAGTGGATTTAAACCCCTCTTTCTAGCCTTTCTGCAAAATAA  
GAAAAACTTAAAGAAAGCTCACATTCAGGGGTTGACTTTCAGTGAAGAGGTAGAAGCCGGGCTGAAGG  
GCTTGAAGGTGGACCAGCAAATAAAGAATCAACTCCCTTCATGGCAGAACATTTAGAGGAGACCCTGAG  
TGCTGTGACTAGCAATCGGCAGCTCAAGAAAGATGGAGATATGACTGCATTCAACAAACTAGTGAACACC  
ATGAAGGCAAGTGGGACTTTGCCTACCCAGCCAAAGTCAGTCGAAATCTTGAAGTCACTTGTGGCTC



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CTGCTGAGATTCCAGGCCAGCCTGTCCCTAAAAACATCCTACAGGAACCTCTGGGTCAACCGGTTTCAGAG  
 ACCTGTTCTTCCAATCTTCTCAGTGGCCTTATGGGGAGCTTGGAGCCTACTGCATCTTTATTGAGCCAA  
 AGAGCACCTCTCCTCCAATGTCACAGGTGTTTCGAACTCAAGCCGCCTCAGCAGACTACCTTCATCCAA  
 GGATACCATCACCCATTGGTTTTCCCATCAGGACCCAGCAACTACTTGGAGATCCATTCCAAGGCATGCG  
 CAAGCCCATGAGTCTGTACAGCCCAGATGAGCCAGCTAGAAGTGCAGCAAGCTGCTTTAGAAGGGCTG  
 ACCCTGCCACATGACCTTGACGTACAGACCACACCTTCTACCAGCCTGGTTTTAGCAAACCTCAAGTGG  
 ACAGAACCAGAGATGGGCTCAGAAACAGGCAACAGCGAATGACAAAGTCACCAGCACCCATGCACCGAGG  
 AAATTCCTCTTCCCAGCTCCCGCGCCTCCATCACGAGCATGCTTTCTCCTTCCCTCACCCCTACCTCA  
 GTGATCCGCAAGATGTATGAAAGCAGAGAGAAAAGCAAGGAGGAAATAGCACCCGGAACAGTGGTTCCTG  
 GTGATGGTAAAGAGGATGCTCAGAAGGCCAGCGAAGAAAACCTGTGTCAATCCAATTCCATATCCAATTC  
 TGATCAAGACTCTTCTCTACGGCAAACTCTAACTTTCAACATTACAGCGGTCTTCATGCTCCACCCCA  
 CTGTCCCAGACCAACCGTTATACCAAAGAACAAGATTATCGCCCTAAAGCAGCTGGGAGGAAAACACCTA  
 CCTTGGCATCCCAGTCCAGGAACACCTTTTCTCCGCCCTACCCACCAAGTTCCTCGTCCCTCATGT  
 TCCTATTGTTGACCTGCACATCAGCTTACCCAGGATTAGTCCAGAGGTTGATAGCCAAAGGGGTGCAT  
 CCACAGCATCTTCCAGGTTTGTCCAAGCTGGTGTGCTTCTCCTGGGATAGACATAGCTCTTTACAGG  
 GACTATCTGGCCCACTCCTAGGTCAACCTTGTACCCTTTGGTCTCTGCTAGTACCCCTCTCCTAAA  
 CCCTCGTCTGGGACCCCTCTGCATTTGGCAGTGATGCAGCAGCAGCTACAGCGCTCAGTTCTGCATCCT  
 CCAGGCTCTAGTTCCCAGGCAGCAGCTATCAACGTTTACAGCTCCTCCGAATGTACCCAGCCGGTCAGGCC  
 TGCCCCATATGCACTCCCAGCTGGAGCATCGCACCAGCCAAAGGAGCAGCTCCCCCGTGGGTCTTGCCAA  
 GTGGTTTGGCTCAGATGTGCTACAGCAGCCTCTGCCCTCCATGCCACCAAGTCATCAGTGTAGATGAA  
 CTGGAATATAGACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001107230
- Insert Size:** 2958 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\_001107230.1, NP\_001100700.1
- RefSeq Size:** 3625 bp
- RefSeq ORF:** 2958 bp
- Locus ID:** 305468

Cytogenetics: 14q21