

Product datasheet for **RN205997**

EII (NM_001107304) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EII (NM_001107304) Rat Untagged Clone
Tag:	Tag Free
Symbol:	EII
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205997 representing NM_001107304
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGCGCTGAAGGAGGCTCGGAGTTACGGGTTGTCTGTGGCGCGTGAGCGACGGCAGCAGGGTGT
 CGGTATTCACGTGAAGCTCACCAGACAGTGTCTGAAGGCTTTCGAGAGCTACCGGGCCACCAGGACTC
 TGTGTCTCTGAGACCATCCATCCGATTTGAAGGAAGCCAAAGACACATCTCCATACCCACGCCGACTGC
 CCCGAGGAGGTGCGGGCCTTCTCCTTCTACCTCTCCAATATTGGCCGTGACAGCCCTCAGGGCAGCTTTG
 ATTGCATCCAACAATATGTATCCAGCCATGGGGATGTACACCTGGACTGCCTGGGAGCATCCAGGACAA
 GGTTACAGTATGCGCCACTGATGACTCCTACCAGAAGGCACGACAGAGCATGGCAGAGCAGAAGAGGAG
 ACTCGGAGCCGAAGCGCCATCGTCATTAAGCTGGAGGCAGATACATGGGAAAAAGGTTTCAGTTTCGGA
 AGCCAGCGCCAGGGCAGCTGATGCAGTCCCTCCCGAAACGTGCCACCCCATTAACCTGGCAAGTGC
 CATCAGAAAGAGCAGTGGGGTGGAGCCAGCAGTGTGGTACAGAGGCCCTCCGAGATCGGGTGTGCAC
 CTCTGGCCCTGAGGCCCTACAGGAAGGCTGAGCTGTCTGCTGCGGTTGCAGAAGGATGGGCTGACACAGG
 CAGACAAGGACACCCTGGACAGCCTGCTGCAGCAGGTGGCCAGTGTGAACCCCAAGGACGGCAGCTGCAC
 ACTGCAGGACTGCATGTACAAAACTGCAGAAGGACTGGCCCGGCTACTCTGAGGGTGACCAGCAGCTG
 CTGAAGCGTGTGCTCATGCGGAAGCTGTGTGAGCCACAGAGTGCACACAGACTCCAGCCCGCCAGGG
 AGCACAGGGGTTCCGCTCACCTTCTCAGAAACGGTACAGCAGACAGACTTCATTGATCCCCTGGCCAG
 CAAGAAGCCCGGATCTCACATTCACACAGCGAGCACAAACCCATCCTCAATGGAAGACTGGGTGCCCC
 AATGGCCATGAGACTCTGCTGCCGCTCCAGTACCCACCCATCAGACACCCTCAGCTTAGCCATCTGC
 CCCCACGGCTGGAGCCGCCACGGACCCACGACCCCTGGCTGATGTCAGTAATGACCTGGGCCACAGTAC
 CCAGGACTATAAGCACCCAGGAGGCCACCCAGCTCCAGCCTCCCGCCTCGGTCTTCCCCTGCTGACGGAC
 TTTCTCAGGCTGAACAACCTGCTAGCTCCTCACATGTCCATAGCCGACCCAAAGAAGAAGTCCAAGAAGC
 ACAAAGACAAGGAGCGGCCCTGAAGAAAGGCCCCCGCCACAGCCTGACTCATCCACTGCCCTGCTGC
 ACTGCCACAGATGCCCCAGGTCTGAATGGAGACTGTGCCAGTGTCCACATCCACATCAGAGACTCCG
 GACTACTGTGAAATACCCAGCCATCTCGTCATCAGAGCAGCGTCCAGAGCTACAAGAATGACTTCAATG
 CTGAATACAGCGAGTACCGCAGTCTGCATGCTCGGATCGAGCAGATCACTCGCAGGTTACACAGCTCGA
 TGCACAGCTCAGACAGCTGAGCCAGGGCTGTGAGGAATACGAGACAACCCGCGGACAGATTTCCAGGAA
 TATAGGAAAATCAAAAAGACCAACCAACTACAGCCGAGAGAAGCGGCGCTGTGAGTACCTGCACCGCA
 AGCTGGCGCACATTAAGAGGCTCATCGCAGAGTATGACCAGCGGAGCTCCAGGCCTGGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107304
- Insert Size:** 1815 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_001107304.2](#), [NP_001100774.1](#)

RefSeq Size: 1815 bp

RefSeq ORF: 1815 bp

Locus ID: 306347

Cytogenetics: 16p14