

Product datasheet for **RN204903**

Eaf2 (NM_172047) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eaf2 (NM_172047) Rat Untagged Clone
Tag: Tag Free
Symbol: Eaf2
Synonyms: Traits
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204903 representing NM_172047
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAATGGACCAGCGGGACTCGCATACCTCGACCGTCGCGAGCGGATTCTCAAATTAGGCGAAAGTTTCG
AGAAGCAGCCGCGCTGTGCTTTCCACACCGTGCCTATGACTTCAAACCTGCTTCTGTTGATGCCTCTTG
TGAAGGAAATCTTGAGGTTGGCAAAGGTGAACAGGTGACAATAACTCTTCAAATATAGAAGTTCAACT
CCACCAGTCACAGTTTTCAAAGTTCCAAGAGACCTACTTAAAAGAGTGCAATTTGATTATTAACCATG
ATACTGGGGAATGTCGCCTAGAAAACTCAGCAGCAACATCACTGTGAAAAAACAAGAGGAGAAGGAAG
TAGCAAAATCCAGTGCAGACTAGAAACAACAGCAACAACAATGTGGAATCCACCCAGGACATCCAACCTT
GTACAGCATTCTCCATCAGAAGATAAGCTGTCCCAACGTCTCTAATGGATGATATTGAAAGAGAGCTGA
AGGCGGAAGCTAGTCTTATGGACCAGATGAGTAGTTGTGATAGTTCATCCGATTCCAGAAGTTCTTCATC
TTCAAGTAGTGAGGACAGTTCTAGTGATTCCGAAGATGATGACCGATCCTCTCCTCCGGTCCAAGGAGG
TACAGCTCAGAGCACCCAGCGTATCTGCTGGCCACAGTACAGGACTTCAGATGCTGACACTACTTGTA
ACAGACTTTACGACAACAGTGCCCTTCTGATGAGTACTTTACGAAGTGATCTGCAGCTGAGTGAGTCAGA
CAGCGACAGTGAGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_172047
Insert Size: 789 bp



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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:	<ol style="list-style-type: none">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:	<u>NM_172047.1</u> , <u>NP_742044.1</u>
RefSeq Size:	1132 bp
RefSeq ORF:	789 bp
Locus ID:	266787
UniProt ID:	<u>Q811X5</u>
Cytogenetics:	11q21
Gene Summary:	Acts as a transcriptional transactivator of ELL, ELL2 and TCEA1 elongation activities (By similarity). Potent inducer of apoptosis in prostatic and non-prostatic cell lines. [UniProtKB/Swiss-Prot Function]