

Product datasheet for **RN214116**

Eln (NM_012722) Rat Untagged Clone

Product data:

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|--------------------|------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Eln (NM_012722) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Eln |
| Synonyms: | RATTREL11; TREL11; Trela; Trela26 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN214116 representing NM_012722
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGGTCTGACAGCGCAGTCCCGCAGCCTGGCGTCTTGCTGATCCTTTGCTCAACCTCCTCCATC
 CCGCGCAGCCTGGAGGGTTCCAGGAGCTGTGCCTGGTGGAGTTCCTGGCGGACTTCCTGGTGGAGTTC
 CGGTGGAGTCTATTATCCAGGAGCTGGTATCGGAGGAGCCTGGGAGGAGGAGCTCTGGGACCTGGAGGA
 AAACCGCCTAAGCCAGGTGCCGGACTTCTGGGAGCGTTTGGAGCAGGTCTGGAGGACTTGGAGGTGCTG
 GCCCGGGGAGGCTCTCTCTATGCTTCAAGGCCAGGTGGTGTCTGGTGCCTGGGGAGGAGCAGGGGC
 TGCAGCAGCTTATAAAGCCGCGGCCAAAGCTGGGGCTGGGCTGGAGGCATTGGCGGAGTTCAGGGGGT
 GTTGGAGTGGTGGAGTCTGGGGCTGTGGAGTGGCGGAGTTCCTGGGGCTGTCGGTGGTATTGGTG
 GCATCGGTGGCTTAGGAGTCTCAACAGGTGCTGTGGTGCCTCAACTGGAGCTGGAGTCGGAGCCGAGG
 AAAGCCTGGGAAAGTTCCTGGTGTGGTCTTCCAGGTGTATACCCAGGTGGAGTCTCCAGGAACAGGA
 GCTCGGTTCCCTGGTGTGGGAGTCTCCCTGGAGTTCCTACTGGCACAGGAGTCAAGGCCAAGGTTCCGG
 GTGGAGGAGGTGGTGTCTTTTCTGGAATCCCAGGGGTCCGGCCCTTTGGGGGTGACGACGCTGGTGTCCC
 ACTGGGTATCCCATCAAAGCGCCAAAGCTGCCAGGTGGCTATGGACTGCCCTATAACCAATGGGAACTG
 CCCTATGGAGTGGCTGGTGCAGGGGGCAAAGCTGGCTACCCAACAGGGACAGGGGTCCGGTCCCAGGCAG
 CAGTGGCAGCAGCTAAAGCAGCGAAGTATGGTGTGGAGGAGTGGAGTCTCCCTGGTGTGGAGGGGG
 TGGCATTCTGGTGGTGTGGCGCAATTCCTGGGATTGGAGGCATTACAGGCGTGGAACTCCCGCAGCA
 GCTGCTGTCAAAGGCTGCCGCTAAGGCTGCTAAGTATGGAGCTGCTGGAGGCTTAGTGCCTGGAGGAG
 CAGGAGTTAGGGTCCCAGGTGCTGGAATCCCAGGTGTTGGGATCCCAGGTGTCGGTGGCATTCCAGGTGT
 TGGTGGCATTCCAGGTGTTGGTGGCATCCCAGGTGTTGGGGCCCTGGTATCGGAGGTCCAGGCATTGTG
 GGTGGACCAGGGGCTGTGTACCAGCTGCAGCTGCCAAAGCTGTGCCAAAGCTGCCAAGTATGGAGCCA
 GAGGTGGAGTGGCATCCCGACATACGGGGTGGTGTGGTGGCTTTCTGGCTATGGTGTGGAGCTGG
 AGCTGGACTTGGAGGTGCAAGCCAAGCTGCTGCTGCCGCTGCCGCTGCCAAAGCTGCCAAGTACGGTGC
 GGAGGAGCTGGAACCTGGGAGGCTGGTGCAGGTGCAGTACCAGGTGCACTGCCAGGTGCAGTACCAG
 GTGCACTGCCAGGTGCAGTACCAGGTGCACTGCCAGGTGCAGTACCAGGTGTCGGGGCACTGGTGGAGT
 GCCAGGAGCAGGTACCCCTGCCGCTGCAGCTGCTGCCCGCTGCCAAGGCAGCCGCAAGGCAGGCCAG
 TATGGTTTGGGCCCTGGTGTGGTGGCGTTCCTGGTGGAGTGGTGTGGTGGGCTTCCCGTGGAGTTG
 GCCTGGTGGTGTACTGGTATTGGAAGTGGTCTGGCACCGGCTTGTACCTGGTGTATCTGGAGGAGC
 AGGGACACCAGCTGTGCCAAATCTGCTGCTAAGGCGGCTGCCAAAGCCAGTACAGGGCTGCTGTGGG
 CTTGGGGCCGGTGTCCCTGGACTTGGGGTGGTGTGGTGTCCCCGGATTTGGGGCTGGTGTGGTGGAT
 TTGGGGCTGGTGTGGTGTCCCTGGATTTGGAGCTGGAGCAGTTCCTGGATCCCTGGTGCATCAAAGC
 TGCTAAATACGGAGCAGCAGGTGGCCTTGGAGGGCCTGGAGGACTTGGTGGGCTGGAGGACTTGGTGGG
 CCCGGAGGACTTGGTGGCCTGGAGGACTCGGTGGGCTGGAGGACTCGGTGGTGTCTGGTGGAGTAG
 CAGGAGGTGCACCTGCTGCTGCTGCTGCCAAAGCTGCCGCTAAGGCTGCCAGTACGGTCTTGGTGG
 AGCTGGAGGACTCGGGGCCGGTGGACTGGGAGCCGAGGACTGGGGCCGGTGGACTGGGAGCCGAGGA
 CTGGGAGCTGGTGGACTGGGGCTGGGGAGTGATCCCTGGTGTGTAGGCCTTGGAGGTGTGCCCTG
 CTGCAGCTGCTAAGGCTGCCAAATATGGTGTGCTGCTGCCCTGGAGGTGCTCCTAGGAGCCAGGCCATTCCC
 AGGCGGAGGAGTGGCAGCAAGACCTGGGTTGGACTTTCTCTATCTACCCAGGTGGTGGTGTGGGGGC
 CTGGGAGTTGGTGGAAAACCCCGAAGCCCTATGGAGGAGCCCTTGGAGCCCTGGGATATCAAGGTGGG
 GCTGCTTTGGAAATCTGTGGCCGAAGAGAAAG**TGA**

ACGGTACGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012722

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| Insert Size: | 2628 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: | <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: | NM_012722.1 , NP_036854.1 |
| RefSeq Size: | 3615 bp |
| RefSeq ORF: | 2628 bp |
| Locus ID: | 25043 |
| UniProt ID: | Q99372 |
| Cytogenetics: | 12q12 |
| Gene Summary: | precursor of elastin, which is a major component of the elastic fibers of the extracellular matrix; confers elasticity to tissues [RGD, Feb 2006] |