

Product datasheet for **RN206584**

Trim25 (NM_001009536) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trim25 (NM_001009536) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trim25
Synonyms:	Efp; Znf147
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206584 representing NM_001009536
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGAGCTGTTTCCTCTGGCCGAGGAGCTGTCGTGCTCCATCTGCCTGGAGCCCTTCAAGGAGCCCG
 TCACCACCCCGTGCAGCCACAATTTCTGCAGGTCATGCCTAAATGAGACGTGGGTCTCCAGGGCCCGCC
 GTACCGGTGCCCGCAGTGTGCGACCGTGTACCAGGTGCGCCCGCAGCTGCACAAGAACACGGTGTGTGC
 GCAGTGGTGCAGCAGTTTCTCAGGCCGAGCAGGCGCGGACCCCGTGGACGACTGGATCCCGCCTACCC
 GCTCCGCCGATCCAGCTCAGACACCCAGGTGTCTGCGACCACTGCCTGAAGGAGGTGCGGGTGAAGAC
 GTGCCCTGTGTCATGGCTCTTTCTGCCAGGAGCACTTGCAGCCCTCACATCGACAGTCCGGCTTCCAG
 GACCACCCCTGCAGCCACCCGTCGTCGCTGCGCCGAAATGTTCCAGGCACAACCGCTTCCGG
 AAATGTTTTGCTGAGCAGGAGAGTGCATCTGCCATATCTGCCTGGTAGAGCACAAGACTGCTCCCC
 TACGATCCTAAGCCAGGCCAGCGCCGACCTGGAGAACAACCTGAGCAAAAACCTACCATCATGTACAGC
 CACATCAATGGAGCGAGCAAAGCACTGGAGGATGTGAAATCCAAGCAGCAGAATGTGCAGGAGTCTATGA
 AGAGGAAGATGCTACAGCTGAGACAGGAATATTTGAAATGAAGGCTGTCATCGATGCCGACAGAGCCAG
 CTCCACGCACAAGTTGAAGGAGGAGGAGAAGAGAGTCTATGAAAAGCTCGATACCATCTACCAGGTTCTT
 CTCAAGAAGAAGAACGAGATGCAGAATCTGAAGGCAGAGGTTGAGCTCATCTGGCCAAAGGGGACGAGT
 TTGAGTTTCTGGAGAAAGCTGCAAAATTCAGGAAGTGTCAACGAAACCAGTCTACATCCCTAAGATAGA
 CCTGGACCATGATTTGATAAAGGGGTCTACCAGGTGCATTGGACCTCAAGAGTGAGCTGAAGCTCTCC
 CCAAGCAGCTACAGGAAAAGAAGGCTGAGGAGCCCTGCAACTCAGGTAACGTGGGAGACCATGCGCAGT
 CCACATCCAACCACACGCCCTGCGAAGAAGACCCGACCCGACAAGAAGACCAAGAAAACCCCTGGTGC
 TCGGGGTGCTGCCGGTGTGTCGGTGTGCTGCCGGTCTACCTCTACTCTTCTCATCTAAC
 AAGTTGCCACCTTTGGAGCTCCTGGACAAGCAACTATCCCTGATGCCACACTCAAACCAATGCTCCAC
 AACCAAACCTCGGCAGCCGTCAGGCTAAGGTGTTAGAAAATTCTTAACCATGTCCAGAACAGAGTTCT
 GGAATATTTCTGTTAAAGTCGTCTTCGACTACAATACCGCCACAACAAAGTGGCTCTGGCAGACAACTAC
 ACCACCGCTTCCGTGGCCGACGGGCTGCAGCACTACCGGTCCCATCCCCAGAGGTTACCTACTGCTCTC
 AGGTCCTGGGGCTGCACTGCTATAAGAAAGGCATCCACTACTGGGAGGTGGAGCTGCAGAAGAACAATT
 CTGTGGTGTAGGCGTCTGCTATGGCAGCATGGATCGGCAGGGCCCGAGAGCCGGCTGGGCCGTAACCC
 AGCTCATGGTGTGTGGAGTGGTTCAATAACAAGATCTCCGCTGGCACAACAACATGGAGAAAACGCTGC
 CCTCCACCAAGGCCACGGAGTCCGGCTGCTACTCAACTGTGACCATGGCTTTGTATTTCTTTGCTGT
 CACCGAAAAGGTGATCTGATGTACAAGTTCAAGTGGACTTTACTGAAGCTCTGTACCCAGCCTTTTGG
 GTGTTCTCTCGGGTACCACCCTCTATCTGCTCCAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001009536
- Insert Size:** 1932 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_001009536.1](#), [NP_001009536.1](#)

RefSeq Size: 2447 bp

RefSeq ORF: 1932 bp

Locus ID: 494338

Cytogenetics: 10q26

Gene Summary: may play a role in osteoblast differentiation [RGD, Feb 2006]