

Product datasheet for **RN209581**

Erp44 (NM_001008317) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Erp44 (NM_001008317) Rat Untagged Clone
Tag: Tag Free
Symbol: Erp44
Synonyms: BWK4; Txndc4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209581 representing NM_001008317
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAATCCTACCGTCTTCTGTCTTTACCAGACCTCAGATGCTCCTTGCTACTCCTGGTAACTTCGATTT
TTGCACCTATAACAGCTGAAATAGCAAGTCTTGATTGAGAGAATATAGATGAAATTTTAAATAATGCTGA
TGTTGCTTTAGTAAATTTTATGCTGACTGGTGTCTGTTTCAGCCAGATGTTGCATCCAATTTTGGAGAA
GCATCTGATGTCATTAAGGAAGAATATCCAGATAAAAATCAAGTAGTGTGGCCAGAGTTGATTGTGATC
AGCACTCTGATATAGCCAGAGGTACAGGATAAGCAAATACCCAACCTGAAATTTTCGTAATGGAAT
GATGATGAAGAGAGAATACAGGGGCCAGCGATCAGTGAAGCGCTTGCCAGACTACATCAGGCAACAGAAA
AGTAACCCCGTCCACGAGATTCAGAGTCTAGATGAAGTCACCAATCTTGATCGCAGTAAGAGAAATATCA
TTGGATACTTTGAGCAGAAGGATTCAGATAATTACAGATTTTGGAAAGAGTAGCAAGTATTTGTCATGA
TGACTGTGCCTTCTTTCTGCTTTTGGAGATCTTCAAACCAGAAAGGTACAGTGGAGACAATTTAATC
TACAAACCACCGGGCGTCTGTGCCAGACATGGTGTACTTGGGATCTATGACAAATTTGATGTAACCT
TCAACTGGATTCAAGATAAATGTGTCCCTTTGTCCGAGAAATAACATTTGAAATGGAGAGGAATTGAC
AGAAGAAGGACTGCCTTTTCTCATTCTCTTCCACATGAAGGAGGATACAGAAAGTTTAGAAATATCCAG
AATGAAGTAGCCCGCAGTTGATAAGTGAAAAAGGTACAATAAATTTCTTACATGCAGATTGTGACAAAT
TTAGACATCCTCTTCTCCATATCCAGAAGACTCCAGCAGATTGCCCTGTCATAGCCATTGACAGCTTTAG
GCATATGTATGTCTTTGGAGACTTTAAGGATGTATTAATCCTGGAAAACCAAGCAGTTTGTATTTGAC
CTACATTCTGGAAAACACACAGAGAATTCATCATGGACCTGACCAACTGATACAGCCCCAGGAGAGC
AAGACCAGGATGTAGCGAGCAGTCTCTGAGAGCTCTTCCAGAAGCTGGCGCCAGCGAATATAGGTA
TACTTTATTGAGGGATCGAGATGAGCT**GTA**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001008317
Insert Size:	1221 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:	<u>NM_001008317.1</u> , <u>NP_001008318.1</u>
RefSeq Size:	1440 bp
RefSeq ORF:	1221 bp
Locus ID:	298066
Cytogenetics:	5q22