

Product datasheet for **RN205268**

Zmpste24 (NM_001107974) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zmpste24 (NM_001107974) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zmpste24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205268 representing NM_001107974
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGGGATGTGGGCATCGGTGGACGCTATGTGGGACTTCCTGCGGAGAAGCGAATCTTCGGGGCGGTGT
 TGCTCTTTTCTGGACCGTGTATCTTTGGGAGACCTTCCTAGCACAGCGGCAGAGAAGGATATACAAAAC
 AACGACTCATGTACCACCAGAGTTAGAACAGATCATGGATTTCGGACACATTTGAGAAATCAGACTGTAT
 CAACTGGATAAAAGTACATTAGCTTCTGGTCAAGGACTCTATTCAGAGGTGGAAGGCACTTTTATTCTTC
 TCTTTGGAGGAATCCCTTACCTCTGGAGACTTTCTGGACGTTCTGTAGTTCTGCTGGCTTCGGACCAGA
 ATATGAGATCATTCAGTCGTTGGTGTCTGCTGTGGCTACACTCTTCAGTGCAGTACTGGCTTGCCA
 TGGAGTCTGTACAATACTTTCGTGATAGAAGAAAGCATGGCTTCAATCACCAGACTTTGGAGTTTTTTA
 TGAAAGATGCAATCAAAAAATTTATTGTACTCAGTGTATTTTATGCCTGTGTCTTCCCTTCTGCTTTA
 CATTATTAATAATCGGAGGTGACTACTTTTTTATCTATGCCTGGCTGTTTACATTAGTTGTTTCTCTGGTT
 CTTGTCACAATTTATGCTGATTATATTGCCCTTTGTTTGACAAGTTCACACCTCTACCGAGGGGAAAC
 TTAAGCAGGAAATCGAAGTGATGGCAAGAGTATTGACTTCCCCCTGACTAAGGTGTATGTCGTTGAAGG
 ATCTAAGCGCTCCTCCACAGCAATGCTTACTTTTATGGCTTCTTCAAGAACAGAGAATAGTTTTGTTT
 GACACTCTACTAGAAGAGTACTCTGTACCAACAAAGACAACAGGAGGAGCCTGGCCTGGAGCCCCGCA
 ATGAAGGCGAAGGGGACAGTGAAGAAGTAAAGTCTAAAGTGAAAAATAAGAAACAAGGATGTAAAAATGA
 GGAGGTACTAGCTGTACTTGGCCATGAAGTGGGCACTGGAAGTTGGGACACACAGTAAAAATATCATT
 ATTAGTCAGATGAATCTTTCTGTGTTTTTCTGTTTGCTGTATTAATTGGTCGAAGGGAACTTTTTG
 CCGCCTTTGGTTTTATGACAGCCAACCACTCTGATCGGACTTTTGATCATCTTTCAGTTTATTTTCTC
 ACCTTACAATGAGGTTCTGTCTTTCTGCCTAACAGTCTGAGCCGCAGATTTGAATTTCAAGCCGACGCT
 TTTGCCAAGAACTTGGGAAGGCTAAAGACTTATATTCTGCTTTGATCAAGCTAAACAAAGATAACCTGG
 GCTTCCAGTCTCTGACTGGCTGTTCTCAACATGGCACTATTCTCACCTCCGCTTCTGGAGAGGCTTCA
 GGCTCTGAAAAATGCAAAACGAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107974

Insert Size: 1428 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_001107974.1, NP_001101444.1
RefSeq Size: 2196 bp
RefSeq ORF: 1428 bp
Locus ID: 313564
Cytogenetics: 5q36