

Product datasheet for RN205475

Mterf1 (NM_053499) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mterf1 (NM_053499) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mterf1
Synonyms:	Mterf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205475 representing NM_053499 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCATCAAGAAACATCTGGCGTGTGAGAAGGAACCTCCTCTTTGATTTAAGAGGTTGGGTGCCCAAT
ATTCAGCAGAAGTTTTCTCAAGTCGATTCATTACAGGCCTTTAGTGTGGAATGTAACAGTAAAGACGG
GGAGAATGGGGACCTACTCAACAACCTACTCACCATGGGAGTTGATGTCGACATGGCAAGGAGACGACAG
CCTGGAGTTTTTAAACAAGGCTGTCACGAATGAGCAGGAGCTGAAGATGTTCTTCTGTCCAAAGGAGCAA
GTGACAAAAGTGATTGGTAGCATCATATCAAGATATCCACGAGCCATAACACGCACTCCCAGAAAGTCTTTC
AAAACGGTGGGATCTGTGGAGAGAGATTATGGCATCAGACCTTGAATTGTAAATATTTTGGAGCGTTCT
CCTGAATCCTTCTTTCGGTCTAATAACAACCTAACTTAGAGAATAACATAAAGTTCTCTGCTCTGTTG
GGTTGACTCATAAGTGCCTCTGCCGACTGTTGACCAGTGTCCCAGGACCTTCTCCAACAGTCTGAATTT
GAATAACAAATGGTTGAATTTTTGCAGGAGACCGGTATATCCTTAGGTCACAATAATCCCACAGATTTT
GTCAGGAAGATAATTTCTAAAAATCCTTCCATCTTAATTCAGAGCACAAACGTTGAAAACCTAACATTG
AATTTTACAGTCAACTTCAACTTAGACAAAGAGGACCTGTGCTTCTGATATGGTCCAGGAGCTAG
AATCTTAGACCTTCCAACGACTGTACCAAAAAGAACTACACAACATCAAAAAGAGGCTGCTCTCTCTC
GGATGCACTGAGGAGGAGGTACAGAAGTTTGTCCCTAAGCTATCTGAATATGATCTTCTTGTGAGAGAAA
AGTTCAATGATAAAAATAGACTGCCTCCTAGAAGAGAAAAATCAGTACTTACAAAATCTTGAATAATCCAAG
GGTATTAGACTCGAGCATACATACTTTAAAAACTCGCATCAGAGAGTTGGCACATGCTGGGTATGACGTG
AGCACCTCAAGCATTGCTCTGCTGCTGGAGTCAGAGACGATATGAAGCTAACTGAAGAGATTAAGTG
GGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053499
Insert Size:	1125 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_053499.1 , NP_445951.1
RefSeq Size:	1506 bp
RefSeq ORF:	1125 bp
Locus ID:	85261
UniProt ID:	Q9EPI8
Cytogenetics:	4q13
Gene Summary:	regulator of mtDNA transcription [RGD, Feb 2006]