

Product datasheet for **RN216612**

Mrps27 (NM_001199192) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Mrps27 (NM_001199192) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Mrps27
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN216612 representing NM_001199192
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCCCCCATGGTGC GG TGTGGGATGCTCCTGGCTCGGGGAATAGCTGCGTCTCGCCTTTCCTTGG
 CAGGTAAGATGCCTGCTCTCCGCAGCATACGTGGACAGCCACCAGTGGGAAGCAAGAGAGAAGGAGCA
 ATGCCATCTGGCTGATCTTGCATCCTTAATGGACAAAGCATATGAAAGGAAGTTGCCTGTTAGTCTTTA
 TCAATATCTCGGTTTGTGGACAACATTTTCATCTCGAGAAGATATAGACTCTGCCGAGTACTATCTTTACA
 AATTTTCGACACAGTCCCAACTGCTGGTACTTGAGAGACTGGACCATCCACACGTGGATTAGACAGTGTCT
 GAAATACGGAGCACAGACAAAGCCTTGTATACACTTGTAAATAAGGTTCAAGTATGGAATTTTTCCAGAT
 AACTTTACATTCAACTTACTGATGGATTATTTCAAAAAGAAAGAAAATTATAAAGATGCTTTGTCTGTGG
 TTTTTGAGATCATGAAGCAAGAAGCCTTTGAAGTGCCATCCACCCAGTTCCTCTCCCTCTATGTTTTATA
 CCATTGCCTAGCAGAGAAGACAGACCTCACATGGGAAGAAGAAAGAGACTTCGGTGCCTCCCTATTGCTT
 CCAGGCCATAAACAAAGGAACACAGTGGGCTTGAGTCCAGCTGTATGGCTATGCACCTCTCGGGAAGG
 TAGAACTGCAGTGTGGGCTGCGGCTGTCTACCACGGCATGCCTCTGATTTGGACACCAGGCTACCTCGA
 CAGAGCCCTTCAAGTGTGGAGAGGGTGGCCTCCTCCCCTGAAGATGTCAAGCTGTGTAGAGAAGTGTCT
 GATGTGCTGGACGGAGTCTGAAGGTGGTGTATGTCCAGACGGCCAGGCTTCAGAGACACAGCCCCAGG
 AGGGCGAAGACAGCTTGGGCTCAGCAAACCTGGTGGAGCAGCTGGACACTGAGGAACCAGAGCAGTCCAG
 GCTGCCCCAGTACCTGGAGCGGTTTCAGGCCTCTCGGTCCAAACTACAGGAGTTGAACAGAGTTGAGTCG
 GAAAGCCTTCTGACTCTGACCACCAGCTTGTAAGAAAGAAACCTCTCCGCTGTGAAGCCCAGGACCTGG
 CCATTTACGAGCAGAACTTCGAGAGTGGCACCAGGAGCGGATGCAGTTGGTCCAGAGGGAACAGGAACA
 GAGGGAGAAGGCCAAGCAGGAGTACCAGTCGCTGAGTGCAGTGGAGAATGCAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001199192
Insert Size:	1248 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001199192.1, NP_001186121.1</u>
RefSeq Size:	1345 bp
RefSeq ORF:	1248 bp
Locus ID:	361883
Cytogenetics:	2q12