

Product datasheet for MC207212

Pam16 (NM_025571) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pam16 (NM_025571) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pam16
Synonyms: 2010110I09Rik; AV006767; CGI-136; Magmas; Tim16; Timm16
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207212 representing NM_025571
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCAAGTACCTGGCCAGATCATTGTGATGGGTGTGCAGGTGGTGGGCAGAGCCTTTGCCAGGGCCC
TGAGGCAGGAGTTTGAGCCAGCCAGCCAGCCGCTGACGCTCGAGGGCGTCTGGGCACCACTCTGCAGC
TGCATCCAATCTCTCTGGCCTCAGCCTCCAGGAAGCCCAGCAGATTCTCAACGTCTCCAAGCTGAGCCCC
GAGGAGGTCCAGAAGAATTATGAACACCTATTTAAAGTGAATGATAAGTCCGTGGGTGGCTTTTCTACC
TGCAGTCAAAGGTTGTCGTGCAAAGGAACGTCTAGATGAGGAACTCCGAATACAAGCCCAGGAAGACAG
AGAGAAAGGGCAGAAGCCAAAACGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_025571
Insert Size: 378 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).



[View online »](#)

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_025571.1](#), [NP_079847.1](#)

RefSeq Size: 552 bp

RefSeq ORF: 378 bp

Locus ID: 66449

UniProt ID: [Q9CQV1](#)

Cytogenetics: 16 2.45 cM

Gene Summary: Regulates ATP-dependent protein translocation into the mitochondrial matrix. Inhibits DNAJC19 stimulation of HSPA9/Mortalin ATPase activity (By similarity).[UniProtKB/Swiss-Prot Function]