

Product datasheet for **RN207343**

Pim3 (NM_022602) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pim3 (NM_022602) Rat Untagged Clone
Tag: Tag Free
Symbol: Pim3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207343 representing NM_022602
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTGCTGTCCAAGTTCGGCTCCCTGGCGCACCTCTGCGGGCCTGGCGGCTGGACCACCTCCCAGTGA
AGATCCTACAGCCAGCCAAGGCGGACAAGGAGAGCTTCGAGAAGGTGTACCAGGTGGGCGCCGTGCTCGG
CAGCGGCGGCTTCGGCACGGTCTACGCGGGCAGCCGCATCGCCGACGGACTCCCGTGGCTGTGAAGCAC
GTGGTGAAGGAGCGGGTGACCGAGTGGGGCAGTCTCGGCCGAATGGCCGTGCCCTGGAGGTGGTGTCTGC
TGCGAAGGTGGGCGGGCGGGCGCGCGCGCTATCCGCCTGCTGGACTGGTTCGAGCGGCCGA
CGGCTTCTGCTGGTGTGGAGCAGCCGAGCCGGCACAGGACCTCTTCGACTTCATCACTGAACGCGGC
GCCCTGGACGAGCCTCTGGCTCGTCGTTCTTCGCGCAGGTGCTCGCCGCTGTGCGGCACTGCCACAATT
GTGGGGTCTGTCACCGGACATCAAGGACGAGAACCTGCTGGTGGACTTGCCTCGGGCAGCTGAAGCT
CATCGACTTCGGCTCGGGCGGGTGTCAAGGACAGGTCTACACTGACTTTGATGGCACCCGTGTGTAC
AGCCCCCAGAGTGGATCCGGTATCATCGATATCACGGGCGGTCTGCCACTGTGTGGTCTCTGGGTGTAC
TGCTCTACGACATGGTGTGTGGGACATCCCTTTGAGCAGGATGAGGAGATCTTGC GCGCAGGCTCTT
TTCCGGAGGAGGTCTCCCAGAGTGCCAGCAGCTTATTGAGTGGTGTCTCTCCCTGCGGCCCTCAGAG
AGGCCCTCGCTGGACAAATTGCTGCCATCCCTGGATGCTGGGGACAGAGGGCAGCGTTCCAGAGAAT
GTGACCTTCGGCTCTGTGCCCTGGATACTGATGACGGAGCCAGTACCCTCCAGCAGTGAGAGCTGTG
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022602
Insert Size: 981 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_022602.1 , NP_072124.1
RefSeq Size:	2133 bp
RefSeq ORF:	981 bp
Locus ID:	64534
UniProt ID:	O70444
Cytogenetics:	7q34
Gene Summary:	catalyzes both autophosphorylation and phosphorylation of other proteins; may play a role in synaptic plasticity [RGD, Feb 2006]