

Product datasheet for **RN214628**

Pkmyt1 (NM_001105766) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pkmyt1 (NM_001105766) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pkmyt1
Synonyms:	RGD1305434
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214628 representing NM_001105766
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCATGCCACTGAGGGCACCCACCACCCTAAGTGGTACCCCATCCCAGTTCAGCTTACTTCC
GACATGCAGAACCTGGTTTCTCCCTCAAAAGGCCTGGGGCCTCAGCCGAGCCTTCCACCTCGGCCCC
TGCCAAGGGCAGCATCCCTGTCAGCCGTCTATCCCCCTCGGACCCCGGCTGGCAGCAGCCCCAGCCC
CGGAGGGTGTCTTCTGTGCGAGACCTCAGAGACGTTGCAGAGCCCTGGGTACGACCCGAGCCGGCCAG
AGTCTTCTTTCAGCAGAATTTCCAGAGGCTCAGCCGACTGGGTCATGGCTCCTATGGAGAAGTCTTCAA
GGTGGCTCCAAGGAAGATGGGCGACTCTATGCTGTTAAGCGCTCCATGTCACCATTCCGAGGCCCAAA
GATCGGACTCGTAACTGGCTGAGGTAGGCGGCCACGAGAAGTGGGGCAGCACCCACATTGCGTGAGAC
TGGAGCGGGCCTGGGAGGAGGTGGCATCTATACCTGCAGACAGAGCTCTGTGGGCCAGCCTGCAGCA
ACACTGTGAAGCCTGGGGGCCAGCCTGCCAGAGGCCAGGTCTGGGGCTACTTGGGGACTCTTCTG
GCTCTGGACCATCTACACAGTCAAGGCCTAGTTCACCTGGATGTTAAGCCTGCCAACATCTTCTGGGCC
CCCGGGGCGCTGCAAGCTGGGCGACTTTGGACTACTGGTGGAGCTCGGTTACGCCGGTGTGGCGAGGC
CCAGGAGGGAGATCCTCGCTACATGGCTCCAGAAGTGTGCGGGGCTCCTATGGGACAGCTGCAGATGTG
TTCAGTCTGGGTCTACCATCTTGAAGTGGCCTGCAATATGGAAGTGGCCACGGTGGGGAGGGATGGC
AGCAGTGCGCCAGGGATACTTGCCGCCGAGTTCAGTCTGGTCTGTCTTCTGAGCTGCGTTCTGTCTCT
CACCATGATGTTGGAGCCTGACCCAGCTTCGAGCCACGGCTGAGGTCCTGTGGCCTTGGCCATGCTG
AGGCAGCCACGTCCCTGGAATGTTCTGTGGTATATGGCTGCAGAAGCCCTGAGTCGAGGTTGGGCCCTGT
GGCAGGCTCTGGTCACTCTGCTCTGGCTCTGGCATGGCTGGTTCATCTGCCAGTTGGCTGCAGCC
TCCAGGCCACCAGCCACACCACCTGGCTCTCCACCATGCAGTCCCTCCTGGACAGCACCTCTCCAGC
AACTGGGATGATGACAGCATAGGCCCTCACTTCCCCAGAGACCATCCTGTCCCGGATCACGAGGAGAA
CCTCTACCCCTCGGGCAGGTACACACCAAGGGATGTCCTGGACCTAACTGATATGGACTCAGAGCCTCC
AAGAGTCCCTGCCCCACCTTTGAGCCAAGGAATCTCCTCAGCCTGTTTGAGGACTCCCTAGACCCAGCC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001105766

Insert Size: 1473 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_001105766.1](#), [NP_001099236.1](#)

RefSeq Size: 1964 bp

RefSeq ORF: 1473 bp

Locus ID: 287101

Cytogenetics: 10q12