

Product datasheet for **RN204457**

Plgrkt (NM_001106347) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plgrkt (NM_001106347) Rat Untagged Clone
Tag: Tag Free
Symbol: Plgrkt
Synonyms: Plg-R(KT); RGD1306839
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN204457 representing NM_001106347
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGTTTATATTTTCGAAATCTATGAATGAAAACATGAAAAATCAACAGGAGTTCATGGTTATGCACG
CTCGACTTCAGCTGAAAGACAGCTGATCATGCAGAATGAGATGAGAGAACGGCAATGGCTATGCAGAT
CGCCTGGTCTCGGAATTCCTCAAATATTTTGGAACGTTTTTGGCATCGCAACGATCTCTTTAGCAGCT
GGACAAATAAAGCGAAAGAAGCCAGCTTTTCTTATTCCTATAGTCCCCTAAGTTTCATCTTCACCTACC
AGTATGACCTGGGCTACGGAACCTTCTACAAAGAATGAAAAGTGAAGCTGAAGACATATTGAAACAGA
AAAGACAAAGTTGGAGCTGCCAAAAGGACTCATCACCTTTGAAAGCCTTGAAAAGCCAGAAGGGAGCAG
AGTAAATTCTTCTCAGACAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106347
Insert Size: 444 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).



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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_001106347.1</u> , <u>NP_001099817.1</u>
RefSeq Size:	1024 bp
RefSeq ORF:	444 bp
Locus ID:	293888
UniProt ID:	<u>D4ACN8</u>
Cytogenetics:	1q52
Gene Summary:	Receptor for plasminogen. Regulates urokinase plasminogen activator-dependent and stimulates tissue-type plasminogen activator-dependent cell surface plasminogen activation. Proposed to be part of a local catecholaminergic cell plasminogen activation system that regulates neuroendocrine prohormone processing. Involved in regulation of inflammatory response; regulates monocyte chemotactic migration and matrix metalloproteinase activation, such as of MMP2 and MMP9 (By similarity).[UniProtKB/Swiss-Prot Function]