

## Product datasheet for **MC202175**

### Plgrkt (NM\_026362) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Plgrkt (NM_026362) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Plgrkt
Synonyms:	1110007H22Rik; 5033414D02Rik; AI852040; Plg-R(KT); Plg-RKT
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC024953 sequence for NM\_026362  
 CTCTGCTGCGGTACCGTCCCCGCACCGTGTGCGGTGAGATCTCCAGAGGGACACTCCTGTTTGCCCTTCT  
 ATATTTAACCGTGTACCTGAGATTTCCCCGACACATCCAAAGTCCAAGTCCAAGAGAGCAAGGCCAGA  
 AGGAGGTCAAGATGGGGTTTATATTCTCGAAATCTATGAACGAAAACATGAAAAACCAACAGGAGTTCAT  
 GGTACGCATGCTCGGCTTCAGCTGGAAAGGCATCTGACCATGCAGAATGAGATGAGAGAAAGGCAAATG  
 GCTATGCAGATCGCTGGTCTCGGGAATTCTCAAATATTTGGAACGTTTTTTGGCATTGCAACCATCT  
 CTTTAGCAACTGGAGCACTAAAGCGAAAGAAGCCAGCCTTTCTCGTTCTATAGTCCCGCTAAGCTTCAT  
 CTTACCTACCAGTATGACCTGGGCTACGGAACCTCCTACAGAGAATGAAAAGTGAAGCTGAGGACATA  
 TTGAAACAGAAAAGACGAAGCTGGAGCTGCCAAAAGGACTGATCACCTTTGAAAGCCTTGAGAAAGCCA  
 GAAGGGAGCAGAGTAAACTCTTCTCAGACAAATGAAGTCACAGTTATCCTCAGAGCACATATCGTGTCTC  
 AAAAGCACAAAGTTGTTGGCTTGAATCATGGTGTTTACAGTTTTTAAATGATCAAGATTTTGATATGAT  
 GCATTTTTATTTAGAATATTAATAATCAAATGAATTTGTTGAACTATTTAAAATAAAATTTCTAACA  
 CTCCAAAAAAAAAAAAAAAAAAG

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_026362

**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).

**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:** [BC024953](#), [AAH24953](#)

**RefSeq Size:** 790 bp

**RefSeq ORF:** 444 bp

**Locus ID:** 67759

**UniProt ID:** [Q9D3P8](#)

**Cytogenetics:** 19 C1

**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.[UniProtKB/Swiss-Prot Function]