

## Product datasheet for **MC201389**

### Prkrip1 (NM\_025774) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prkrip1 (NM_025774) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prkrip1
Synonyms:	8430424D23Rik; C114
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC027503 sequence for NM_025774 CTGATGTTGGAGAGCGGCTATGGCGAGTCCTGCTGCCGCTTCTGTGAGACCGCCAGGCCCAAGAAAGAG CCGCAGACGCTGGTCATCCCAAGAATGCGGCCGAGGAGCAGAAGCTCAAGCTGGAGCGGCTCATGAAGA ACCCGGACAAAGCAGTTCCAATTCAGAGAAAATGAATGAATGGGCTCCTCGAGCGCCTCCAGAATTTGT CCGAGATGTCATGGGTTCCAGTGTGGGCTGGCAGTGGAGAGTTCCACGTGTATAGGCACCTACGGCGG AGAGAGTACCAGCGGCAGGACTACATGGATGCCATGGCTGAGAAGCAAAAAGTGGATGCAGAGTTTCAGA AGAGACTAGAAAAGAATAAAATTGCTGCAGAGGAGCAGACTGCAAAGCGCCGAAAAAGCGCCAGAAGTT AAAAGAGAAGAAGTTACTGGCAAAGAAGATGAACTTGAACAGAAAGAAACAGAAGGAAGAACCCAGTCAG TGCCAGGAACAGCATGCCAGCAGCTCTGACGAGGCATCTGAAACAGAGGAGGAGGAAGAGGAGCCACGCG TCGTCATCATGGGCGATGAGGAGTTTCAGCAGTCGTGAGCCAGCTCATTCTGTGACCAGCCTCAGAAG AGAAATGGCTGTGTGTGACCAGCTGCTAGACTGGCTGTGTTGGGAGAAGGCAGGCACCTCCTGCAGCCCT GCCTGCCTGGGGAGCAGAGGGAGCAGACCTTAGACATTTGCAGATTGCATTCTGTATCCTGCCCTGCTCT TGCTGAAGGGGAGTGAGTGCTTACCTTCCCCGGTGCCGTTCCCTTCTGCTTGAACAGCAGTGAGCTCT CGCCTGGTTTCTGTGAAGGGAATATTTATTTAGTAAAGAACAGAAAACCTGTAAAAAAGAAAAAAAAAAAAA GAAA
Restriction Sites:	EcoRI-NotI
ACCN:	NM_025774
Insert Size:	561 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).



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**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:** [BC027503](#), [AAH27503](#)

**RefSeq Size:** 914 bp

**RefSeq ORF:** 561 bp

**Locus ID:** 66801

**UniProt ID:** [Q9CWW6](#)

**Cytogenetics:** 5 G2

**Gene Summary:** Required for pre-mRNA splicing as component of the spliceosome (By similarity). Binds double-stranded RNA. Inhibits EIF2AK2 kinase activity.[UniProtKB/Swiss-Prot Function]