

Product datasheet for **SC112156**

PRKRIP1 (NM_024653) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRKRIP1 (NM_024653) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRKRIP1
Synonyms:	C114; KRBOX3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024653, the custom clone sequence may differ by one or more nucleotides

ATGGCTAGCCCAGCCGCCTCCTCGGTGCGACCACCGAGGCCAAGAAAGAGCCGAGACGCTCGTCATCC
CCAAGAATGCGGCGGAGGAGCAGAAGCTCAAGCTGGAGCGGCTCATGAAGAACC CGACAAAGCAGTTCC
AATTCAGAGAAAATGAGTGAATGGGCACCTCGACCTCCCCAGAATTTGTCCGAGATGTCATGGGTTCA
AGTGCTGGGGCCGGCAGTGGAGAGTTCCACGTGTACAGACATCTGCGCCGGAGAGAATATCAGCGACAGG
ACTACATGGATGCCATGGCTGAGAAGCAAAAATTGGATGCAGAGTTTCAGAAAAGACTGAAAAAGAATAA
AATTGCTGCAGAGGAGCAGACCGCAAAGCGCCGGAAGAAGCGCCAGAAGTTAAAAGAGAAGAAATTACTG
GCAAAGAAGATGAACTTGAACAGAAGAAACAAGAAGGACCCGGTCAGCCCAAGGAGCAGGGGTCCAGCA
GCTCTGCGGAGGCATCTGGAACAGAGGAGGAGGAGGAAGTGCCAGTTTCACCATGGGGCGATGA



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024653 unedited

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AAGAATTTGTAATACGACTCACTATAGGGGCGGCCGGAATTCGCACGAGGGNAAACTGG
AAGGCTGCCATGGCTAGCCAGCCGCTCTCGGTGCGACCACCGAGGCCAAGAAAGAG
CCGCAGACGCTCGTCATCCCAAGAATGCGGCGGAGGAGCAGAAGCTCAAGCTGGAGCGG
CTCATGAAGAACCCGGACAAAGCAGTTCGAATTCAGAGAAAAATGAGTGAATGGGCACCT
CGACCTCCCCAGAATTTGTCCGAGATGTCATGGGTTCAAGTCTGGGGCCGCGAGTGA
GAGTTCACGTGTACAGACATCTGCGCCGAGAGAATATCAGCGACAGGACTACATGGAT
GCCATGGCTGAGAAGCAAAAATTGATGCAAGATTTAGAAAAAGACTGAAAAAGAATAAA
ATTGCTGCAGAGGAGCAGACCGCAAAGCGCCGGAAGAAGCGCCAGAAGTTAAAGAGAAG
AAATTA CTGGCAAAGAAGATGAAACTTGAACAGAAGAAACAAGAAGGACCCGGTCAGCCC
AAGGAGCAGGGGTCCAGCAGCTCTGCGGAGGCATCTGGAACAGAGGAGGAGGAGGAAGTG
CCCAGTTTACCATTGGGCGCATGACAATGTTTGCCACAGCCTCTGCCTGGAACCTGGCTC
GTGCTGTGACCAGAAAGGGAAGGCGGCTGTTTGGCTCTTTCTCCCCGAGGGACCCGCT
GACCCGCTGGAGTGAGAGCAAAAGAGACCCCTCCCGAGCCGCTCACAGTCTCTGATTTGG
CAGGTTTGGAGACTGAGGCGCCTCTTCTGCACTCAGAGCACTGNCCTGCAGAACCATC
GTGCTCCTGGTAAGGGGACAGAGAGCTCACTGCCATATT
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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024653 unedited
 TTTGGACGCGGCCGCAATCTAAAGTCGGTTTTTTTTTTTTTTTTTTGGAGTCTCGCTCTT
 TACTAAATAAACGTTCCCTTCCCAAAAACCAGCCCCAAACTCATCACTGTTCAAATATGT
 GGCAAGGTGAGGCTCTCTGTCCCCCTTTACCAGGAGCACGGATGGTGTCTGCAAGGCAGT
 GCCTCTGAGTGTCAAGGAGATGGCCCTCAAGCTCCCAAACTGCCAAATACAGGACTGT
 GAGCGGCTCGGGAGGGGTCTCCTTTGCTCTCCATCAGCGGGTCAGCGGGTCTTGC
 GGAGAAAGAGCCAAACAGCCGCCTTTCCCTTCTGGTCACAGCACGAGCCAGGTTCCAGGC
 AGAGGCTGTGGCAAACATTTGTATCGCCCCATGGTGAAACTGGGCACTTACTCCTCCTCC
 TCTGTTCCAGATGCCTCCGAGAGCTGCTGGACCCCTGCTCCTTGGGCTGACCCGGGACT
 TGCTGAGACTATTGGGCAGCTCCACCTTCTTTGCCATGCTCATTCACTTTACCAATTGCC
 CTCATCTCGGCGCTTTCGGTTCGCCCCCCCGCCCCCCCCTTCATCCGCAATCCTGTGCT
 CTCCTTGCGCCGCTAGTTTCGCTTACTTCGGTCTCTCTACCTCCGTACATCTTCTCC
 TCTTATCTTCTCCTTCCCTTTTCTCCTCTCCTCCGCCCTTCCCTCTCTACCCCTT
 ATTATACTATCTCCCTGCCTTCCCTCCCTCTTCTCCGTTTTATCTCTTCTCTCTCC
 CTCCTCCCTCTCTCTCTCTCTATTTGCGTTTACATCCCTCTCTGCTCTTTCCCTCC
 CTCTCCCCCTCCTCTCTTACCCCTCTCTCACCTCTATTCTCTCCTCCTTTCTCT
 GCCTCTCTCTTTTTCCCTACTATTCTCT

Restriction Sites:

Notl-Notl

ACCN:

NM 024653

Insert Size:

1000 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:	<u>NM_024653.1, NP_078929.1</u>
RefSeq Size:	2175 bp
RefSeq ORF:	555 bp
Locus ID:	79706
UniProt ID:	<u>Q9H875</u>
Cytogenetics:	7q22.1
Gene Summary:	Required for pre-mRNA splicing as component of the spliceosome (PubMed:28502770, PubMed:30705154). Binds double-stranded RNA. Inhibits EIF2AK2 kinase activity (By similarity).[UniProtKB/Swiss-Prot Function]