

Product datasheet for **SC302370**

KPRP (NM_001025231) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KPRP (NM_001025231) Human Untagged Clone
Tag:	Tag Free
Symbol:	KPRP
Synonyms:	C1orf45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC302370 representing NM_001025231.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGTGACCAGCAGCAGATCCAGTGCCGCCTGCCGCTCCAACAGTGCTGCGTCAAGGGTCCCTCCTTC
TGCTCCTCTCAATCCCCCTTTGCCAGAGCCAAGTGGTGGTTCAAGCCCCTTGTGAGATGCAAAATTGTG
GACTGCCCTGCATCATGCCAGTTCAAGTTTGCCAGGTGTCAGACCAGGCTCCATGCCAGTCTCAGACC
ACACAGGTGAAGTGCCAGTCTAAGACCAAGCAGGTGAAGGGCCAGGCTCAATGTCAGTCTAAGACCACC
CAGGTGAAGGGCCAGGCTGCATCCCAATCTCAAATCTCCTCTGTTCAAAGCCAGGCTCCATGCCAATCT
GAGGTGTCCTACGTGCAGTGCGAAGCGTCACAACCTGTTGAGACTTGTTCGTAGAATGTGCTCCAGTT
TGTTATACAGAACTTGTATGTAGAATGCCAGTCCAGAACTATGTACCCTGTCCAGCTCCTCAGCCT
GTCCAGATGTATAGAGGGCGTCTGCAGTGTGCCAGCCTCAGGGAAGATTCTCCACCCAGTGCCAGTAT
CAAGGCTCCTATAGCAGTTGTGGCCCCAGTTTCAGTCAAGGGCTACCTGCAACAACACACCCCCAG
TTCCAGTTGAGGCTTCTACAGCAGCTGTTTCCCTCAGTATCGTCCCGGACTTCATTTAGTCCCTGT
GTGCCCCAGTGCCAGACCAGGGCTCCTATGGGAGCTTCACTGAACAGCACCGCTCTCGGAGCACCAGC
AGATGCCTTCTCCTCCTCGGCGGCTGCAGCTTTTCCCCCGCAGCTGTTCCCCACCAAGCGTTTTGAG
CCCTGCTCCAGCAGCTACCTGCCACTAAGACCCTCTGAAGGTTTCCCTAACTACTGCACCCACCCCGC
CGCTCTGAACCCATATATAACAGTCGTGTCTCGCCGCCCATTTCAAGCTGCTCTCAGAGACGTGGC
CCCAAGTGCCGAATCGAGATTTCTCCCCGTGCTGCCCCAGGCAGGTTCCCCACAGAGGTGTCTGTT
GAGATTCCTCCCATCAGACGCCGCTCCAGAGCTGTGGCCCGCAGCCCTCCTGGGGCGCCTCCTGCCCT
GAGCTGAGGCCACACGTAGAGCCACGTCCACTCCCAAGCTTCTGTCCACCACGGCGTCTTGACCAAGTGT
CCAGAGTACCACTGCAGCGATGTCCACCTCTGCTCCAGTCCACGTCTGCGCCAGAACCATGCATA
AGTCTAGAACCACGCCCGCTCCTCTACCACGACAACTTTCAGAACCTTGTGTTGATCCAGAACCACTT
CCAGCACTACGTCCAACACCGCGGCCAGTTCCCTTCTCGCCAGGGCAGTGTGAGATTCAGAGCCA
CGTCCATGCCTGCAGCCCTGTGAGCACCAGAGCCTTGTCCACGACCAGAGCCAATTCCCTGCCGGCG
CCCTGCCAAGCCCGGAGCCCTGCAGGGAGACTTGGCGCAGCCCGAGCCATGCTGGGGCCCAATCCA
GTTCCATACCCAGGAGACCTAGGCTGTGATGAGTCTAGTCCACACCGCTAGACACCGAAGCTCCCTAC
TGTGGCCCATCCAGTTACAACCAGGGGCAAGAGAGTGGTGTGCTGGCTGTGGGCTGGTGTGTTTCCA
GAGCGGAGGGGTGAGATGGCCATGGAGACCAAGGCAATGCCTTTGCTGGAGTGAAGGGGAAGCAAG
AGTGCTTATTTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_001025231

Insert Size: 1740 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001025231.1</u>
RefSeq Size:	2523 bp
RefSeq ORF:	1740 bp
Locus ID:	448834
UniProt ID:	<u>Q5T749</u>
Cytogenetics:	1q21.3
MW:	64.1 kDa
Gene Summary:	This gene encodes a proline-rich skin protein possibly involved in keratinocyte differentiation. [provided by RefSeq, Jul 2016]