

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)



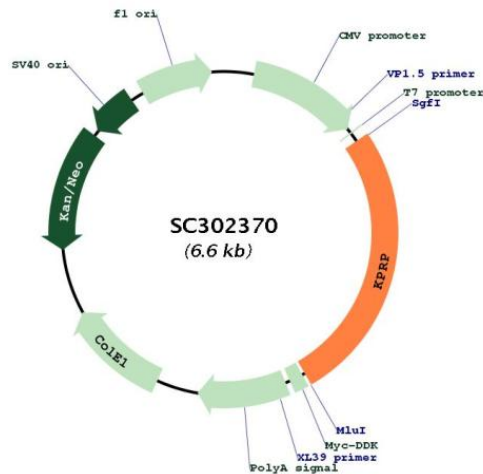
[View online »](#)

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

```
GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTGTGACCAGCAGCAGATCCAGTGCCGCCTGCCGTCCAACAGTGCTGCGTCAAGGGTCCCTCCTTC
TGCTCCTCTCAATCCCCCTTTGCCAGAGCCAAGTGGTGGTTCAAGCCCCTTGAGATGCAAATGTG
GACTGCCCTGCATCATGCCAGTTCAAGTTTGCCAGGTGTCAGACCAGGCTCCATGCCAGTCTCAGACC
ACACAGGTGAAGTGCCAGTCTAAGACCAAGCAGGTGAAGGGCCAGGCTCAATGTCAGTCTAAGACCACC
CAGGTGAAGGGCCAGGCTGCATCCCAATCTCAAATTCCTCTGTTCAAAGCCAGGCTCCATGCCAATCT
GAGGTGTCCTACGTGCAGTGCGAAGCGTCACAACCTGTTCCAGACTTGCTTCGTAGAATGTGCTCCAGTT
TGTTATACAGAACTTGTTATGTAGAATGCCAGTCCAGAATATGTACCCTGTCCAGCTCCTCAGCCT
GTCCAGATGTATAGAGGGCGTCTGCAGTGTGCCAGCCTCAGGGAAGATTCTCCACCCAGTGCCAGTAT
CAAGGCTCCTATAGCAGTTGTGGCCCCAGTTTCAAGTCAAGGGCTACCTGCAACAACACACCCCCAG
TTCCAGTTGAGGCTTCTACAGCAGCTGTTTCCCTCAGTATCGTCCCGGACTTCATTTAGTCCCTGT
GTGCCCAAGTGCCAGACCCAGGGCTCCTATGGGAGCTTCACTGAACAGCACCGCTCTCGGAGCACAGC
AGATGCCTTCTCCTCCTCGGCGGTGCAGCTTTTCCCCCGCAGCTGTTCCCAACCAAGACGTTTGGAG
CCCTGCTCCAGCAGCTACCTGCCACTAAGACCCTCTGAAGGTTTCCCTAACTACTGCACCCACCCCGC
CGCTCTGAACCCATATAACAGTGCCTGCTCGCCGCCCAATTTCAAGCTGCTCTCAGAGACGTGGC
CCCAAGTGCCGAATCGAGATTTCTCCCCGTGCTGCCAGGCAGGTTCCCCACAGAGGTGCTCCTGTT
GAGATTCCTCCATCAGACGCCGCTCCAGAGCTGTGGCCCGCAGCCCTCCTGGGGCGCTCCTGCCCT
GAGCTGAGGCCACACGTAGAGCCAGTCCACTCCCAAGCTTCTGTCCACCACGGCGTCTTGACCAGTGT
CCAGAGTCAACACTGCAGCGATGTCCACCTCCTGCTCCAGTCCAGTCTGCGCCAGAACCATGCATA
AGTCTAGAACCACGCCCGCTCCTCTACCACGACAACCTTTCAGAACCTTGTGTTATCCAGAACCACTT
CCAGCACTACGTCCAACACCGCGGCCAGTTCCCTTCTCGCCAGGGCAGTGTGAGATTCCAGAGCCA
CGTCCATGCCTGCAGCCCTGTGAGCACCCAGAGCCTTGTCCACGACCAGAGCCAATTCCTGCGGCG
CCCTGCCAAGCCGGAGCCCTGCAGGGAGACTTGGCGCAGCCCCAGCCATGCTGGGGCCAAATCCA
GTTCCATACCCAGGAGACCTAGGCTGTCATGAGTCTAGTCCACACCGCTAGACACCGAAGCTCCCTAC
TGTGGCCATCCAGTTACAACCAGGGGCAAGAGAGTGGTGTGCTGGCTGTGGGCTGGTGTGTTTCCA
GAGCGGAGGGGTGAGATGGCCATGGAGACCAAGGCAATGCCTTTGCTGGAGTGAAGGGGAAGCAAAG
AGTGCTTATTTTAA
```

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

Plasmid Map:


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: [NM_001025231.1](#)

RefSeq Size: 2523 bp

RefSeq ORF: 1740 bp

Locus ID: 448834

UniProt ID: [Q5T749](#)

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]