

Product datasheet for **SC100499**

KLRAQ (PPP1R21) (NM_152994) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLRAQ (PPP1R21) (NM_152994) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLRAQ
Synonyms:	CCDC128; KLRAQ1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC100499 sequence for NM_152994 edited (data generated by NextGen Sequencing)

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ATGGCCTCGGCTGAGTTGCAGGGGAAGTACCAGAAGCTGGCTCAGGAGTACTCGAAGCTT
CGGGCTCAGAATCAGGTTCTGAAAAAGGTGTTGTGGATGAACAAGCAAATTCGCGAGCT
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AGTTTGACATTTGAAAATCTGCAGCTTGCCAAGAGGGTAGAACTACTTCAAGATGAACTA
GCTCTAAGTGAACCACGAGGCAAGAAAAACAAGAAAAGTGGAGAATCTTCTTCTCAGTTG
AGTCAAGAGCAGAAGAGTGCTTTGATGAAGATCTGCAAAAAGAAGATAGAAGAGAATGAA
CGTTTGCATATACAATTTTTTGAAGCTGATGAGCAGCACAAAGCATGTGGAAGCAGAGCTG
AGGAGTCGACTGGCCACTCTGGAGACAGAAGCAGCCAGCACCAAGCTGTGGTTGACGGT
CTCACCCGGAAGTACATGGAAACCATTGAGAAGCTGCAGAACGACAAGGCTAAACTAGAA
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CAATTACAGTTAAAGACTCTTCATGAAGATTTGTGAGGTAGATTAGAGGAATCCTTATCA
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GTTCCACTCCACAATAGGAGACACCAGCTGAAGATGCGAGATATTGCTGGGCAGGCCCTG
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CATTGGATGTTGGAAGCACAATTAGCCAAAATCAAGCTAGAGAAAAGAAAACAGCGAATT
GCAGATAAGCTGAAGAATACAGGTAGTGCCAGCTGGTTGGGCTGGCCCAGGAAAATGCT
GCTGTGTCAAATACTGTGGCCAGGATGAAGCCACAGCTAAGGCTGTGTTGGAGCCATT
CAGAGCACCAGTCTANTTCCAGATGTGGAATCTCGTGAAGACTTAATTAATACTACTAC
ATGGCAAGGATAGTGGAACTTACGTCTCAGTTGCAGCTGGCTGACAGTAAGTCAGTGCAT
TTTTATGCCGAGTGCCGAGCACTGTCTAAAAGACTGGCCTTGGCTGAAAAGTCTAAGGAA
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ACAACCTACCAAGAGGAGTTACGAGGATCAGTTAAGTATGATGAGTGACCACCTGTGCAGC
ATGAATGAGACATTATCTAAACAGAGAGAAGAGATTGACACACTAAAGATGTCCAGTAAG
GGGAATTCATAAAAAGAACAAGAGTCGATAG
    
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Clone variation with respect to NM_152994.4
1936 g=>n

Gene Summary:

Putative regulator of protein phosphatase 1 (PP1) activity (PubMed:19389623). May play a role in the endosomal sorting process or in endosome maturation pathway (PubMed:30520571).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1. The resulting protein (isoform 2) is shorter than isoform 1.