

Product datasheet for SC304507

PCLKC (CDHR2) (NM_017675) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PCLKC (CDHR2) (NM_017675) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCLKC
Synonyms:	PCDH24; PCLKC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304507 representing NM_017675. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCAGCTATGGCTGTCTGCTTCTCCTTCTGCCCTCGTGGTGTCTGTGGCAGCCAACTGGCC
CCGAAGTTCCTAGCCAACATGACGTCAGTGATCCTGCCTGAGGACCTGCCTGTGGGTGCCAGGCCCTTC
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TTCAAAGTCACCATCTCCGTGAGCGACCCCTACATCCAGGTGCAGAGGGAGATGTGGTATTGTGGAA
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TTCTCCGTGCCATGGTGACCATCCACCTTAGAGACATTAATGACCACAGGCCACGTTTCCCCAGAGC
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GACCCAGACACGGGCGCGTGGGGCCAAATTACCTACAGCCTGCTCCCAGGAAATGGGGCAGACCTCTTC
CAAGTGGATCCCCTCTCAGGGACGGTGACGGTGAGGAACGGTGAGCTGCTGGACCGGGAGAGCCAGGCC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:

SgfI-MluI

ACCN:

NM_017675

Insert Size:

3933 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:	<ol style="list-style-type: none">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_017675.4
RefSeq Size:	4127 bp
RefSeq ORF:	3933 bp
Locus ID:	54825
UniProt ID:	Q9BYE9
Cytogenetics:	5q35.2
Protein Families:	Transmembrane
MW:	141.5 kDa
Gene Summary:	<p>This gene is a member of the protocadherin family, which represents a subset of the larger cadherin superfamily. The members of the protocadherin family encode non-classical cadherins that function as calcium-dependent cell-cell adhesion molecules. This protocadherin represents a new candidate for tumor suppression. Alternatively spliced transcript variants that encode the same protein have been identified. [provided by RefSeq, Jan 2010]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.</p>