

Product datasheet for SC304226

PARC (CUL9) (NM_015089) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PARC (CUL9) (NM_015089) Human Untagged Clone
Tag: Tag Free
Symbol: PARC
Synonyms: H7AP1; PARC
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_015089 edited
GAGGCGGGGCCAGGACGGCGGGACCGCCGCTGGGTCCCAGCGAGGGCTGAGCCGGGCGG
TGGGAGGAGGTGAGGATGGTGGGGGAACGGCATGCTGGGGACCTCATGGTGCCCTTAGGG
CCTCGGCTGCAGGCATATCCTGAAGAACTCATTGACAGAGGCCTGGGCATGACGGGCAT
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CAGGCTGAATGGTGGGAGCTGCTTTTCTTATCAAAAAGTTGGACTTGTGTGAGCAGCAG
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 TTGCTGAATAAAGGTCTCTTTCTCACACACA

3' Read Nucleotide Sequence:	>Forward primer walk for NM_015089 unedited CTGTGNAACTTGGCNACCGGGTGTCTGCCATCCATGAATGCCCCGCCANATCCTTCAC CTTCTCAAGATGCCTGCCAGGGACTGGAGCAGGCTCGGAAGGTGCTGGCCTACGCCTGC GTGTACAGCTTCTACAGCCAGGACGCAGAGTACATGGATGTGGTGGAGCAGCAGACAGAG AACCTGGAGCTGCACACCAATGCCCTGCAGATCCTCCTGGAGGAAACCCTGCTGCGGTGC AGAGACTGGCCTCCTCCCTGCGCCTCCTGCGGGCCGACTGCCTCAGCACGGGCATGGAG CTGCTCCGGCGGATCCAGGAGAGGCTGCTTGCCATCCTGCAGCATTCTGCCCAGGATTC CGGGTTGGTCTTCAGAGTCCATCAGTAGAGGCCTGGGAGGCAAAAGGACCCAACATGCCT GGCAGTACGCCCCAGGCCTCCTCAGGGCCAGAGGCAGAAGAGGAGGAGGAAGACGATGAG GATGATGTGCCCGAGTGGCAGCAGGATGAGTTTGATGAGGAGCTGGACAATGACAGCTTC TCCTACGATGAGTCTGAGAACCTGGACCAAGAGACTTTCTTTTGGTGTGAGGAAGAG GATGAAGATGAGGCTATGACTGAGGGGCAGATGCAGGAAACACCTAGAGCAGCCCCAG AGTCACGGGGCTGAGGGGGCGGGAGCTGCCCTGTCATAGGGAGGGGATTCCCAGCGTC TGTAGTGCTTCCTGTTTCTGAA
Restriction Sites:	Please inquire
ACCN:	NM_015089
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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_015089.2 , NP_055904.1
RefSeq Size:	7771 bp
RefSeq ORF:	7554 bp
Locus ID:	23113
UniProt ID:	Q8IWT3
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome

Gene Summary:

Core component of a Cul9-RING ubiquitin-protein ligase complex, a complex that mediates ubiquitination and subsequent degradation of BIRC5 and is required to maintain microtubule dynamics and genome integrity. Acts downstream of the 3M complex, which inhibits CUL9 activity, leading to prevent ubiquitination of BIRC5 (PubMed:24793696). Cytoplasmic anchor protein in p53/TP53-associated protein complex. Regulates the subcellular localization of p53/TP53 and subsequent function (PubMed:12526791, PubMed:17332328). [UniProtKB/Swiss-Prot Function]