

Product datasheet for **SC319485**

CLPP (NM_006012) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CLPP (NM_006012) Human Untagged Clone
Tag: Tag Free
Symbol: CLPP
Synonyms: DFNB81; PRLTS3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006012.2
 CCTTAATGGCGCCCGCCAGACTCCTGGAAGTGAGCGGCCTAGCGAGCGAGCTCCCAGGC
 GCAAAGCACGCCGGAAGCTGTAGTTCGCCATCGGACGGAAGCCGACCGGGCGTGCGGA
 GGGATGTGGCCCGAATATTGGTAGGGGGGCCGGGTGGCGTCATGCAGGTACCCCGCG
 CTGGGGCCTCGCCTCGCGCTCACTTTCCAGCGCAGCGGCCGCCAGCGGACACTCCAG
 AACGGCCTGGCCCTGCAGCGGTGCCTGCACGCGACGGCGACCCGGGCTCTCCCGCTCATT
 CCCATCGTGGTGGAGCAGACGGGTGCGGGCAGCGCGCCTATGACATCTACTCGCGGCTG
 CTGCGGGAGCGCATCGTGTGCGTCATGGGCCGATCGATGACAGCGTTGCCAGCCTTGTT
 ATCGCACAGCTCCTTCTGCAATCCGAGAGCAACAAGAAGCCCATCCACATGTACATC
 AACAGCCCTGGTGGTGTGGTGACCGCGGCCTGGCCATCTACGACAGGATGCAGTACATC
 CTCACCCGATCTGCACCTGGTGGTGGGCCAGGCCAGCATGGGCTCCCTGCTTCTC
 GCCGCCGACCCAGGCATGCGCCACTCGCTCCCAACTCCCGTATCATGATCCACCAG
 CCCTCAGGAGGCGCCCGGGCCAAGCCACAGACATTGCCATCCAGGCAGAGGAGATCATG
 AAGCTCAAGAAGCAGCTCTATAACATCTACGCCAAGCACACCAACAGAGCCTGCAGGTG
 ATCGAGTCCGCCATGGAGAGGGACCGCTACATGAGCCCCATGGAGGCCAGGAGTTTGGC
 ATCTTAGACAAGTTCTGGTCCACCCTCCCAGGACGGTGAGGATGAGCCACGCTGGTG
 CAGAAGGAGCCTGTAGAAGCAGCGCCGGCAGCAGAACCTGTCCCAGCTAGCACCTGAGAG
 CTGGGCCCTCCTCCTCAGAAATCATGTGGAGGGGCCAGAGGCCTGCCAGACCCAGCTGGG
 CCCTGCTCACCCCTTGTGCTGGGCTTGAGGGGCTCTTGAGGAACCTTTAATTTGCGAG
 GGGTGCCCGCTATGGACGGGCATTCCAGCTGAGACACTGTGATTTAAATTAATTCCTT
 GTGGTCTTTAAA

Restriction Sites: Please inquire
ACCN: NM_006012



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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_006012.2 , NP_006003.1
RefSeq Size:	1194 bp
RefSeq ORF:	834 bp
Locus ID:	8192
UniProt ID:	Q16740
Cytogenetics:	19p13.3
Domains:	CLP_protease
Protein Families:	Druggable Genome, Protease
Gene Summary:	The protein encoded by this gene belongs to the peptidase family S14 and hydrolyzes proteins into small peptides in the presence of ATP and magnesium. The protein is transported into mitochondrial matrix and is associated with the inner mitochondrial membrane. [provided by RefSeq, Jul 2008]