

Product datasheet for **SC320712**

RPLP0 (NM_053275) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RPLP0 (NM_053275) Human Untagged Clone
Tag: Tag Free
Symbol: RPLP0
Synonyms: L10E; LP0; P0; PRLP0; RPP0
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_053275.3
 CCCGGGACCGCGGATGGGTGTCGGCGTGACCAGGCCTGAGCTCCCTGTCTCCTCAGT
 GACATCGTCTTTAAACCTGCGTGGCAATCCCTGACGCACCGCCGTGATGCCAGGGAAG
 ACAGGGCGACCTGGAAGTCCAACACTTCTTAAGATCATCCAACATTGGATGATTATC
 CGAAATGTTTCATTGTGGGAGCAGACAATGTGGGCTCCAAGCAGATGCAGCAGATCCGCA
 TGTCCCTTCGTGGGAAGGCTGTGGTGTGATGGGCAAGAACCATGATGCGCAAGGCCA
 TCCGAGGGCACCTGAAAAACAACCCAGCTCTGGAGAACTGCTGCCTCATATCCGGGGGA
 ATGTGGGCTTTGTGTTACCAAGGAGGACCTCACTGAGATCAGGGACATGTTGCTGGCCA
 ATAAGGTGCCAGCTGCTGCCCGTGGTCCATTGCCCATGTGAAGTCACTGTGCCAG
 CCCAGAACACTGGTCTCGGGCCGAGAAGACCTCCTTTTTCCAGGCTTTAGGTATACCA
 CTAATACTCCAGGGCACCATTTGAAATCCTGAGTGATGTGCAGCTGATCAAGACTGGAG
 ACAAAAGTGGGAGCCAGCGAAGCCACGCTGCTGAACATGCTCAACATCTCCCCCTTCTCCT
 TTGGGCTGGTTCATCCAGCAGGTGTTGACAATGGCAGCATCTACAACCCTGAAGTGCTTG
 ATATCACAGAGGAACTCTGCATTCTCGCTTCCCTGGAGGGTGTCCGCAATGTTGCCAGTG
 TCTGTCTGCAGATTGGCTACCCAACCTGTTGCATCAGTACCCCATCTATCATCAACGGGT
 ACAAACGAGTCTGGCCTTGTCTGTGGAGACGGATTACACCTTCCCACTTGTGAAAAGG
 TCAAGGCCTTCTGGCTGATCCATCTGCCTTTGTGGCTGCTGCCCTGTGGCTGTGCCA
 CCACAGCTGCTCCTGCTGCTGTCAGCCCCAGTAAGGTTGAAGCCAAGGAAGAGTCGG
 AGGAGTCGGACGAGGATATGGGATTTGGTCTCTTTGACTAATCACAAAAAGCAACCAAC
 TTAGCCAGTTTTATTTGCAAAAACAAGGAAATAAAGGCTTACTTCTTTAAAAAAAAAAAAA
 AAAAA

Restriction Sites: Please inquire
ACCN: NM_053275



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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_053275.3 , NP_444505.1
RefSeq Size:	1289 bp
RefSeq ORF:	954 bp
Locus ID:	6175
UniProt ID:	P05388
Cytogenetics:	12q24.23
Domains:	Ribosomal_L10, 60s_ribosomal
Protein Pathways:	Ribosome
Gene Summary:	<p>Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein, which is the functional equivalent of the E. coli L10 ribosomal protein, belongs to the L10P family of ribosomal proteins. It is a neutral phosphoprotein with a C-terminal end that is nearly identical to the C-terminal ends of the acidic ribosomal phosphoproteins P1 and P2. The P0 protein can interact with P1 and P2 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. Transcript variants derived from alternative splicing exist; they encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) has a different 5' UTR than variant 1. They encode the same protein.</p>