

Product datasheet for SC316922

RPP30 (NM_001104546) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPP30 (NM_001104546) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPP30
Synonyms:	TSG15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001104546, the custom clone sequence may differ by one or more nucleotides ATGGCGGTGTTTGCAGATTTGGACCTGCGAGCGGTTCTGACCTGAAGGCTCTGCGCGGA CTTGTGGAGACAGCCGCTCACCTTGGCTATTCAGTTGTTGCTATCAATCATATCGTTGAC TTTAAGGAAAAGAAACAGGAAATTGAAAAACCAGTAGCTGTTTCTGAACTCTTCACTCAACT TTGCCAATTGTACAGGAAAAATCAAGACCAATTAATAATTTAACTAGATTAACAATTATT GTCTCGGATCCATCTCACTGCAATGTTTTGAGAGCAACTTCTCAAGGGCCCGGCTCTAT GATGTTGTTGCAGTTTTTCAAAGACAGAAAAGCTTTTTCATATTGCTTGACACATTTA GATGTGGATTTAGTCTGCATAACTGTAACAGAGAACTACCATTTTACTTCAAAGACCT CCTATTAATGTGGCGATTGACCGAGGCCTGGCTTTTGAAGTTGTCTATAGCCCTGCTATC AAAGACTCCACAATGAGAAGGTATACAATTTCCAGTGCCCTCAATTTGATGCAAATCTGC AAAGGAAAAGAATGTAATTATATCTAGTGCTGCAGAAAGGCTTTAGAAAATAGAGGGCCA TATGACGTGGCAAATCTAGGCTTGTGTTGGGCTCTCTGAAAAGTGACGCCAAGGCTGCG GTGTCCACCAACTGCCGAGCAGCGCTTCTCCATGGAGAACTAGAAAACTGCTTTTGGGA ATTATCTCTACAGTGAAGAACTCGGCCATCAGAAGGAGATGAAGATTGCTTCCAGCT TCCAAGAAAGCCAAGTGGTCTCACTCTGTCAACCAGGCTGGAGTGCAGTGGCACAATCTC GGCTCACTGCAACCTTTGCCTCTTGGGCTCAAGCCATCCTCCACCTCAGCCTCCAAGA ACTAGAATTCAACAAAGACAACTTTTGATCTCTCATCAGAGAGATCACTCCCAAGAAC AGGCTT
Restriction Sites:	Please inquire
ACCN:	NM_001104546
Insert Size:	969 bp



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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:	<u>NM_001104546.1</u> , <u>NP_001098016.1</u>
RefSeq Size:	4272 bp
RefSeq ORF:	969 bp
Locus ID:	10556
UniProt ID:	<u>P78346</u>
Cytogenetics:	10q23.31
Gene Summary:	Component of ribonuclease P, a ribonucleoprotein complex that generates mature tRNA molecules by cleaving their 5'-ends (PubMed:9037013, PubMed:9630247, PubMed:30454648). Also a component of the MRP ribonuclease complex, which cleaves pre-rRNA sequences (PubMed:28115465).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).