

Product datasheet for SC320291

RPP25 (NM_017793) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPP25 (NM_017793) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPP25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_017793.2

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GAGCGGCCCGCTCGAGAGAAGTGGGGCCGAGATCGGCCGTCCAGCCCGCCCGCGG
CGTCTGCGCTGCTCCGGCGCCCTTACCCTGCTGGCCCTTGCAAGGCGCGACCGGCGGCC
ATGCAGCCCCGGGCTGAGGCCGCCCATGGCAAAGCCGGCGGTCCCGGCGACGACGGCG
CATGGAGAACTTCGTAAGGTGCGCTCCGAAGAGGCGCCAGCGGGGTGCGGGGCCGAGGG
AGGCGGCCCGGGCTCCGGCCCTTCGCAGACCTGGCGCCGGGCGCGGTGCACATGCGGGT
CAAGGAAGGCAGCAAGATCCGGAACCTGATGGCCTTCGCCACCGCCAGCATGGCGCAGCC
AGCCACGCGCGCCATCGTCTTCAGCGGCTGCGGCCGGGCCACCACAAAACCGTCACGTG
CGCCGAGATCCTCAAGCGCCGCTGGCGGGCCTGCACCAGGTACGCGGCTGCGTACCG
GAGCGTACGCGAGGTGTGGCAGAGCCTCCCGCTGGGCCACGCGAGGTGAGCGGCTGCGTACCG
CGAGCCGCGCGTACTCTCAGCTACTTAAGAAGTGGCCGGCCCGCCATCCTACTTTTC
CAAGGACGCGCTGGATCCGCGACAGCCCGCTACCAGCCCCGAATCCCCATCCTGGTCC
CTCGTCCCGCCAGCCGCGCCAGCGTCCAAGAGGAGCCTAGGGGAACCCGAGCTGGAGA
AGGCTCCGCAAGCGATCGCAACCCGAGCCAGGGGTTGCGGACGAGGATCAGACGGCCTG
AAACTCCGACTGTGGGCCACCTAGTCCGGCAGGATCTTCGCGCAGCGCTCCACCTTCA
GATGTACTCCAGCCTTCACTCCTCGGTCTCCGGAGCCACAACCTGGACACAGCTCC
TCAAGACAGGTAGCATGGACCTTAAGGCGACAAGAGGGGGCCCCAGGAGTGGCAGGAGA
GGATCCCCGACCACCCTAGGAAACTTCGTGCGATAATTGCTGCTTATGCCCGTGTGCG
TGAAGACACGGAACCTCACCTTTTCTGGGACCTTCTTTGGGGGAGAATGGTGGACAGTGG
GATTCTGGAAACTGTGTTGGGACCCCCAAGGGTTAAAGCCACCCAGCATTACGAAGAGC
ACCTGAAGTATGGAAGCTGAGAAGATTATTGGAATCACCCACCGTTGACAGAGGAAG
GCAGGGGGTGAGAATTAAGTCTGAGGGTAGGAGAGTCTGAGATGTGGGGGCCCTATTC
CGCTCCCCGCCCTGGGACAGTTTTCTTTCTAGTTTTCTTTCCCTGCTTCAGAGGAGCA
TCTCTGAGGGTTCTAGCTCTTTAACACCCCTTTCCCTGCTGGGCCAGAGGGAGACC
CAGGACTGAACTCTCAGGCCTCCTCCCTGAGCCCTGCAGCTGGCTGGAGTCTTGCTTC
CAATAAAACAAGCACAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire



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ACCN:	NM_017793
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_017793.2</u> , <u>NP_060263.2</u>
RefSeq Size:	2333 bp
RefSeq ORF:	600 bp
Locus ID:	54913
UniProt ID:	<u>Q9BUL9</u>
Cytogenetics:	15q24.2
Gene Summary:	Component of ribonuclease P, a ribonucleoprotein complex that generates mature tRNA molecules by cleaving their 5'-ends (PubMed:12003489, PubMed:16723659, PubMed:30454648). Also a component of the MRP ribonuclease complex, which cleaves pre-rRNA sequences (PubMed:28115465).[UniProtKB/Swiss-Prot Function]