

Product datasheet for **SC107957**

RPS25 (NM_001028) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPS25 (NM_001028) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPS25
Synonyms:	S25
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107957 sequence for NM_001028 edited (data generated by NextGen Sequencing) ATGCCGCCTAAGGACGACAAGAAGAAGAAGGACGCTGGAAGTCGGCCAAGAAAGACAAA GACCCAGTGAACAAATCCGGGGCAAGGCCAAAAAGAAGAAGTGGTCCAAGGCAAAGTT CGGGACAAGCTCAATAACTTAGTCTTGTTTGACAAAGCTACCTATGATAAAGTCTGTAAG GAAGTTCCCAACTATAAACTTATAACCCAGCTGTGGTCTCTGAGAGACTGAAGATTCGA GGCTCCCTGGCCAGGGCAGCCCTTCAGGAGCTCCTTAGTAAAGGACTTATCAAAGTGGT TCAAAGCACAGAGCTCAAGTAATTTACACCAGAAATACCAAGGGTGGAGATGCTCCAGCT GCTGGTGAAGATGCATGA

Clone variation with respect to NM_001028.2



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_001028 unedited
 AAGTTTACNATTTGTNATACGACTTACTATAGGGCGGCCGNAATTCGCACGAGGCTTG
 ACGAGGCTGCGGTGTCTGCTGCTATTCTCCGAGCTTCGCAATGCCGCCTAAGGACGACAA
 GAAGAAGAAGGACGCTGGAAAGTCGGCCAAGAAAGACAAAGACCCAGTGAACAAATCCGG
 GGGCAAGGCCAAAAAGAAGAAGTGGTCCAAAGGCAAAGTTCGGGACAAGCTCAATAAATT
 AGTCTTGTGTTGACAAAGCTACCTATGATAAACTCTGTAAGGAAGTCCCAACTATAAACT
 TATAACCCAGCTGTGGTCTCTGAGAGACTGAAGATTGAGGCTCCCTGGCCAGGGCAGC
 CCTTCAGGAGCTCCTTAGTAAAGGACTTATCAAAGTGGTTTCAAAGCACAGAGCTCAAGT
 AATTTACACCAGAAATACCAAGGGTGGAGATGCTCCAGCTGCTGGTGAAGATGCATGAAT
 AGGTCCAACCAGCTGTACATTTGGAAAAATAAACTTTATTAAATCAAAAAAAAAAAAAA
 AAAACTCGACTCTAGATTGCGGCCGCGGTATAGCTGTTTCTGAACAGATCCCGGGTGG
 CATCCCTGTGACCCCTCCCAAGTGCCTCTCTGGCCCTGGAAGTGGCACTCCAGTGCC
 ACCAGCCTTGCCCTATAAAATTAAGTTGCATCATTTTGTCTGACTAGGTGCTCTCTAT
 AATATTATTGGGTGAAGGGGGTGGTATTGAACAAAGGGCAATTTGAAAAACAAGTGT
 AGGGCCTGGGGGGCTATTGGGAACCAAGCTTGGATGCAATGGCGCAATTTGGGTTAAC
 TGAATTTCTCGCCCGGGGTACAACGCATATTCGGCTTAAACCTCCCGGAAGTTGG
 GAATCCCAGGCTACCCCTACCAAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_001028 unedited
 GACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTATTTAATAAAGTTT
 TATTTTTCCAAATGTACAGCTGGTTGGACCTATTCATGCATCTTACCAGCAGCTGGAGC
 ATCTCCACCTTGGTATTTCTGGTGAATTAAGTCTGAGCTCTGTGCTTTGAAACCAAGTTT
 GATAAGTCTTTACTAAGGAGCTCCTGAAGGGCTGCCCTGGCCAGGGAGCCTCGAATCTT
 CAGTCTCTCAGAGACCACAGCTGGGTTATAAGTTTATAGTTGGGAACCTCCTTACAGAG
 TTTATCATAGGTAGCTTTGTCAAACAAGACTAAGTTATTGAGCTTGTCCCGAACTTTGCC
 TTTGGACCACTTCTTCTTTTGGCCTTGCCCGGATTTGTTCACTGGGTCTTTGTCTTT
 CTTGGCCGACTTTCAGCGTCTTCTTCTTCTTGTCTGCTTAGGCGGCATTGCGAAGCT
 CGGAGAATAGCAGCAGACACCGCAGCCTCGTCAAGCCTCGTGCCGAATTCGCGGCCGCC
 TATAGTGAGTCGTATTACAAAATCTGACGGTTCACTAAACGAGCTCTGCTTATATAGAC
 CTCCCACCGTACACGCCTACCGCCATTTGCGTCAACGGGGCGGNTTATTACGACATTT
 TGGAAAGTCCCGTTGATTNTGGTGCCAAAACAACCTCCATTGACGTCAATGGNNGTGGA
 GACTTGGAAATCCCGTGAGTCAAACCGCTATCCAGCCATTGGTGTACTGCCAAAACC
 GCATCACCATGGTAATAGCGATGACTAATACGTANATGTACTGCCAAAGTAGGAAGTCCC
 NGTAGGTCATGTACTGGGCATAATGCCAGCGGGCCATTTACGTCATTGACGTAATAGG
 GGGCGGACTTGCAATGAACACTTGAAGTACTGNCAGNG

Restriction Sites:

NotI-NotI

ACCN:

NM_001028

Insert Size:

490 bp

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).

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:

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_001028.2](#), [NP_001019.1](#)

RefSeq Size: 514 bp

RefSeq ORF: 378 bp

Locus ID: 6230

UniProt ID: [P62851](#)

Cytogenetics: 11q23.3

Domains: Ribosomal_S25

Protein Pathways: Ribosome

Gene Summary: 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 40S subunit. The protein belongs to the S25E family of ribosomal proteins. It is located in the cytoplasm. 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]