

Product datasheet for **SC200208**

RPS4X (NM_001007) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RPS4X (NM_001007) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RPS4X
Synonyms: CCG2; DXS306; RPS4; S4; SCAR; SCR10
ACCN: NM_001007
Insert Size: 659 bp
Insert Sequence: >SC200208 3'UTR clone of NM_001007
The sequence shown below is from the reference sequence of NM_001007. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGACTGGCGGCCAAACAGAGCAGTGGGTGAATGGGTCCCTGGGTGACATGTCAGATCTTTGTACGTAA
TTAAAAATATTGTGGCAGGATTAATAGCATTTTGGTTTTGTGGTTGTTTTTTTTTAATTCAGTTTC
CTGCTATTTTACTGTATAACATGAACAGTGATTAAAGTTCTCAGGCAAGCTTAGGCAGTCTGTTATTGGC
TGGGCTTAGTTAGTGGTGGGAAGTAGAAGATACCAGACTTGGGAAAGGAACAGCAACTAACCAAGGAGT
AGAAAGAGCCAAGAAATCCCGGAGTATTATCTCCCCGCTTGACTTGGCCAAGAACTTCTACACA
GTGGACCCTCTGCCCTGTTAAGTTCCTTGGCTTTCTAAAAATCTGCCCTCATTTTCTCTCCAGTCT
GTATTGCACTAGCCATCCACAAGCCTGGCTCATCTGTTTTTCCACTCCTGTGCCATCTTGCCAAAC
GCAGGATGAAAACTCCAGTTGCCATTAAGGTGGTCATAAATGGGCTGTGATGTTGCAAAGCATTGC
AGTTCCTTGGACTTAGTGCCTTATTCTCCAGCTGCCGCTGCAGTCTCAACTCTGTTTTTCAGAGGAC
AGAGATGTAGAACATAA ACTTGTCTTGTGTGTTTCCAAA
ACGCGTAAGCGCGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



RefSeq: [NM_001007.5](#)

Summary: Cytoplasmic ribosomes, 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 ribosomal protein S4, a component of the 40S subunit. Ribosomal protein S4 is the only ribosomal protein known to be encoded by more than one gene, namely this gene and ribosomal protein S4, Y-linked (RPS4Y). The 2 isoforms encoded by these genes are not identical, but are functionally equivalent. Ribosomal protein S4 belongs to the S4E family of ribosomal proteins. This gene is not subject to X-inactivation. It has been suggested that haploinsufficiency of the ribosomal protein S4 genes plays a role in Turner syndrome; however, this hypothesis is controversial. 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]

Locus ID: 6191

MW: 24.4