9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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RPS16 Human

Ribosomal Protein S16 Human Recombinant
RCP1914

Product Overview

Name	RPS16 Human
Description	
Ribosomal Protein S16 Human Recombinant	
Accession (Primary)	P62249
Synonyms	
Ribosomal Protein S16, 40S Ribosomal Protein S16, S16.	
Introduction	
Ribosomes are the organelles which catalyze protein synthesis and comprised of a small 40S subunit and a large 60S subunit. Combined, the small 40S and large 60S subunits are composed of 4 RNA types and about 80 structurally distinct proteins. RPS16, a ribosomal protein, is a component of the 40S subunit and a member of the S9P family of ribosomal proteins. RPS16 is situated in the cytoplasm. Just like other genes encoding ribosomal proteins, there are numerous processed pseudogenes of RPS16 spread through the genome.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The RPS16 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MPSKGPL QSVQVFGRKK TATAVAHCKR GNGLIKVNGR PLEMIEPRTL QYKLLEPVLL LGKERFAGVD IRVRVKGGGH VAQIYAIRQS ISKALVAYYQ KYVDEASKKE IKDILIQYDR TLLVADPRRC ESKKFGGPGA RARYQKSYR	
Precautions	

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RPS16 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P62249)