9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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RPL35A Human

Ribosomal Protein L35A Human Recombinant
RCP1901

Product Overview

Name	RPL35A Human
Description	
Ribosomal Protein L35A Human Recombinant	
Accession (Primary)	P18077
Synonyms	
Ribosomal Protein L35a, Cell Growth-Inhibiting Gene 33 Protein, 60S Ribosomal Protein L35a, DBA5, L35A.	
Introduction	
Ribosomes, the organelles which catalyze protein synthesis, contain a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and nearly 80 structurally different proteins. RPL35A is a component of the 60S subunit of the ribosomal protein and a member of the L35AE family of ribosomal proteins. RPL35A is situated in the cytoplasm. The rat protein is known to bind to both initiator and elongator tRNAs, therefore, it is located at the P site, or P and A sites, of the ribosome. Though RPL35A was initially mapped to chromosome 18, it has been proven that it is located at 3q29-qter. Transcript variants utilizing alternative transcription initiation sites and alternative polyA signals exist. As is typical for genes encoding ribosomal proteins, there are several processed pseudogenes of this gene spread all over the genome.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The RPL35A 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 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSGRLWS KAIFAGYKRG LRNQREHTAL LKIEGVYARD ETEFYLGKRC	

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AYVYKAKNNT VTPGGKPNKT RVIWGKVTRA HGNSGMVRAK FRSNLPAKAI GHRIRVMLYP SRI

Precautions

RPL35A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P18077)