9051 Mira Mesa Blvd, #910094
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RPS18 Human

Ribosomal Protein S18 Human Recombinant
RCP1915

Product Overview

Name	RPS18 Human
Description	
Ribosomal Protein S18 Human Recombinant	
Accession (Primary)	P62269
Synonyms	
Ribosomal Protein S18, D6S218E, 40S Ribosomal Protein S18, HKE3, KE-3, KE3, S18, Rhabdomyosarcoma Antigen MU-RMS-40.21, Ke-3, Ke3.	
Introduction	
40 S ribosomal protein S18 (RPS18) is a member of the ribosomal protein S13P family . RPS18 is located in the cytoplasm. Ribosomes, the organelles which catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Jointly these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPS18 encodes a ribosomal protein which is a component of the 40S subunit. RPS18 is a recognized binding partner of Cofilin and has been proposed to be a novel substrate for CaMKII . Among the diseases associated with RPS18 are bowen-conradi syndrome, and pasteurellosis.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
RPS18 protein solution (0.5mg/ml) containing 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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSLVIPE KFQHILRVLN TNIDGRRKIA FAITAIKGVG RRYAHVVLRK ADIDLTKRAG ELTEDEVERV ITIMQNPRQY KIPDWFLNRQ KDVKDGKYSQ VLANGLDNKL REDLERLKKI	

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RAHRGLRHFW GLRVRGQHTK TTGRRGRTVG VSKKK

Precautions

RPS18 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P62269)