9051 Mira Mesa Blvd, #910094
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RPS19 Human

Ribosomal Protein S19 Human Recombinant
RCP1916

Product Overview

Name	RPS19 Human
Description	
Ribosomal Protein S19 Human Recombinant	
Accession (Primary)	P39019
Synonyms	
Ribosomal protein S19, DBA, DBA1, S19, 40S ribosomal protein S19, RPS19.	
Introduction	
Ribosomal Protein S19, also known as RPS19, is a part of the S19E family of ribosomal proteins. RPS19 is located in the cytoplasm and required for pre-rRNA processing and maturation of 40S ribosomal subunits. Mutations in RPS19 trigger Diamond-Blackfan anemia, a constitutional erythroblastopenia characterized by absent or decreased erythroid precursors, in a subset of patients.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The RPS19 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol and 2mM DTT.	
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% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MPGVTVK DVNQQEFVRA LAAFLKKSGK LKVPEWVDTV KLAKHKELAP YDENWFYTRA ASTARHLYLR GGAGVGSMTK IYGGRQRNGV MPSHFSRGSK SVARRVLQAL EGLKMVEKDQ DGGRKLTPQG QRDLDRIAGQ VAAANKKH.	
Precautions	

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RPS19 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P39019)