9051 Mira Mesa Blvd, #910094
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RPS2 Human

Ribosomal Protein S2 Human Recombinant
RCP1917

Product Overview

Name	RPS2 Human
Description	
Ribosomal Protein S2 Human Recombinant	
Accession (Primary)	P15880
Synonyms	
Ribosomal Protein S2, Protein LLRep3, 40S Ribosomal Protein S4, 40S Ribosomal Protein S2, LLREP3, OK/KNS-cl.6, S2, RPS4.	
Introduction	
Ribosomal protein S2, (RPS2) is a member of the S5P family of ribosomal proteins. Ribosomes, the organelles which catalyze protein synthesis, consist of a small 40S subunit and a large 60 S subunit. Jointly these subunits are composed of 4 RNA species and approximately 80 structurally different proteins. RPS2 is a ribosomal protein which is a component of the 40S subunit. RPS2located in the cytoplasm. RPS2 shares sequence similarity with mouse LLRep3. RPS2 has been associated with diamond-blackfan anemia, and herpes simplex.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
RPS2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0),10% glycerol and 0.4M Urea.	
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). Please avoid freeze thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MADDAGA AGGPGGPGGP GMGNRGGFRG GFGSGIRGRG RGRGRGRGRG RGARGGKAED KEWMPVTKLG RLVKDMKIKS LEEIYLFSLP IKESEIIDFF LGASLKDEVL KIMPVQKQTR AGQRTRFKAF VAIGDYNGHV GLGVKCSKEV ATAIRGAIIL AKLSIVPVRR GYWGNKIGKP	

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HTVPCKVTGR CGSVLVRLIP APRGTGIVSA PVPKKLLMMA GIDDCYTSAR GCTATLGNFA KATFDAISKT YSYLTPDLWK ETVFTKSPYQ EFTDHLVKTH TRVSVQRTQA PAVATT

Precautions

RPS2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P15880)