9051 Mira Mesa Blvd, #910094
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RPS5 Human

Ribosomal Protein S5 Human Recombinant
RCP1925

Product Overview

Name	RPS5 Human
Description	
Ribosomal Protein S5 Human Recombinant	
Accession (Primary)	P46782
Synonyms	
40S ribosomal protein S5, S5, RPS5.	
Introduction	
40S ribosomal protein S5 (RPS5) is a ribosomal protein, which is a member of the ribosomal protein S7P family. Ribosomes, which are the organelles that catalyze protein synthesis, composed of a small subunit and a large subunit that comprise of over 80 distinct ribosomal proteins. RPS5 is a 204 amino acid component of the 40S complex. RPS5 proteins exist as multiple processed pseudogenes which are scattered throughout the genome. RPS5 is expressed at varying amounts in colorectal cancer cells, proposing a possible role in carconigenesis.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
RPS5 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.2M NaCl, 50% 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 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MTEWETA APAVAETPDI KLFGKWSTDD VQINDISLQD YIAVKEKYAK YLPHSAGRYA AKRFRKAQCP IVERLTNSMM MHGRNNGKKL MTVRIVKHAF EIIHLLTGEN PLQVLVNAII NSGPREDSTR IGRAGTVRRQ AVDVSPLRRV NQAIWLLCTG AREAAFRNIK TIAECLADEL INAAKGSSNS YAIKKKDELE RVAKSNR.	

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Precautions

RPS5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P46782)