

Product datasheet for **AR50651PU-S**

RPS5 (1-204, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RPS5 (1-204, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMTWETA APAVAETPDI KLFQKWSTDD VQINDISLQD YIAVKEYAK YLPHSAGRYA AKRFRKAQCP IVERLTNSMM MHGRNNGKKL MTRIVKHAF EIIHLLTGEN PLQVLVNAII NSGPREDSTR IGRAGTVRRQ AVDVSPLRRV NQAIWLLCTG AREAAFRNIK TIAECLADEL INAAKGSSNS YAIKKKDELE RVAKSNR
Tag:	His-tag
Predicted MW:	25.3 Da
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RPS5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001000
Locus ID:	6193
UniProt ID:	P46782 , A0A024R4Q8
Cytogenetics:	19q13.43
Synonyms:	S5



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Summary:

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S7P family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]

Protein Pathways:

Ribosome

Product images: