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Product datasheet for AR51203PU-S

RPS18 (1-152, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RPS18 (1-152, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSLVIPE KFQHILRVLN TNIDGRRKIA FAITAIKGVG RRYAHVVLRK ADIDLTKRAG ELTEDEVERV ITIMQNPRQY KIPDWFLNRQ KDVKDGKYSQ VLANGLDNKL REDLERLKKI RAHRGLRHFW GLRVRGQHTK TTGRRGRTVG VSKKK
Tag:	His-tag
Predicted MW:	20.1 kDa
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 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RPS18 protein, fused to His-tag at N-terminus, was expressed in E.coli.
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_072045
Locus ID:	6222
UniProt ID:	P62269
Cytogenetics:	6p21.32
Synonyms:	D6S218E; HKE3; KE-3; KE3; S18

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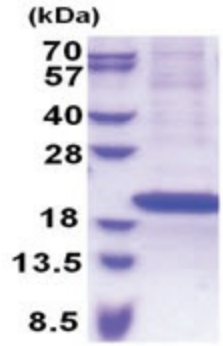
Summary: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S13P family of ribosomal proteins. It is located in the cytoplasm. The gene product of the E. coli ortholog (ribosomal protein S13) is involved in the binding of fMet-tRNA, and thus, in the initiation of translation. This gene is an ortholog of mouse Ke3. 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:



15% SDS-PAGE (3ug)