

Product datasheet for **AR50139PU-N**

RPS7 (1-194, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RPS7 (1-194, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHEMFSSA KIVKPNGEKP DEFESGISQA LLELEMNSDL KAQLRELNIT AAKEIEVGGG RKAIIFVPV PQLKSFQKIQ VRLVRELEKK FSGKHVFIA QRRILPKPTR KSRTKNKQKR PRSRTLAVH DAILEDLVFP SEIVGKRIRV KLDGSRLIKV HLDKAQQNNV EHKVETFSGV YKKLTKGDVN FEFPEFQL
Tag:	His-tag
Predicted MW:	24.7 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 0.1M NaCl, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RPS7 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_001002
Locus ID:	6201
UniProt ID:	P62081
Cytogenetics:	2p25.3
Synonyms:	DBA8; eS7; S7



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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 S7E family of ribosomal proteins. It is located in the cytoplasm. 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: