

Product datasheet for **AR51033PU-S**

RPS24 (1-130, His-tag) Human Protein

Product data:

| | |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Recombinant Proteins |
| Description: | RPS24 (1-130, His-tag) human protein, 20 µg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMNDTVTI RTRKFMTNRL LQRKQMVIDV LHPGKATVPK TEIREKLAKM YKTPDVIVF FGFRTHFEGGG KTTGFGMIYD SLDYAKKNEP KHRLARHGLY EKKKTSRKQR KERKNRMKKV RGTAKANVGA GKK |
| Tag: | His-tag |
| Predicted MW: | 17.5 kDa |
| Concentration: | lot specific |
| Purity: | >85% 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 |
| 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_001017 |
| Locus ID: | 6229 |
| UniProt ID: | P62847 |
| Cytogenetics: | 10q22.3 |
| Synonyms: | DBA3; eS24; S24 |



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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 S24E family of ribosomal proteins. It is located in the cytoplasm. Multiple transcript variants encoding different isoforms have been found for this gene. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Mutations in this gene result in Diamond-Blackfan anemia. [provided by RefSeq, Nov 2008]

Protein Pathways:

Ribosome

Product images: