

Product datasheet for AR50651PU-N

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OriGene Technologies, Inc.

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

Product data:

Product Type: Recombinant Proteins

Description: RPS5 (1-204, His-tag) human recombinant protein, 0.25 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSMTEWETA APAVAETPDI KLFGKWSTDD VQINDISLQD

or AA Sequence: YIAVKEKYAK YLPHSAGRYA AKRFRKAQCP IVERLTNSMM MHGRNNGKKL MTVRIVKHAF

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: <u>P46782</u>, <u>A0A024R4Q8</u>

Cytogenetics: 19q13.43

Synonyms: S5





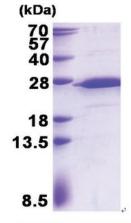
Summary:

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:



15% SDS-PAGE (3ug)