Recombinant Human RPS27A Protein, His-tagged

Cat. No. RPS27A-004H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPS27A protein with a His-tag was expressed in E.coli
Species	Human
Source	E.coli
Description	Ubiquitin, a highly conserved protein that has a major role in targeting cellular proteins for degradation by the 26S proteosome, is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin fused to an unrelated protein. This gene encodes a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein S27a at the C terminus. When expressed in yeast, the protein is post-translationally processed, generating free ubiquitin monomer and ribosomal protein S27a. Ribosomal protein S27a is a component of the 40S subunit of the ribosome and belongs to the S27AE family of ribosomal proteins. It contains C4-type zinc finger domains and is located in the cytoplasm. Pseudogenes derived from this gene are present in the genome. As with ribosomal protein S27a, ribosomal protein L40 is also synthesized as a fusion protein with ubiquitin; similarly, ribosomal protein S30 is synthesized as a fusion protein with the ubiquitin-like protein fubi. Multiple alternatively spliced transcript variants that encode the same proteins have been identified.
Molecular Mass	12.1 kDa
Purity	≥95% estimated by SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	≥ 2 years
Storage	-80 centigrade
Storage Buffer	50 mM Tris, pH 7.5, 150 mM sodium chloride, containing 6% glycerol
Shipping	Dry ice in continental US, may vary elsewhere.

GENE INFORMATION

Gene Name	RPS27A ribosomal protein S27a [Homo sapiens (human)]
Official Symbol	RPS27A
Synonyms	RPS27A; ribosomal protein S27a; UBC; S27A; CEP80; UBA80; HEL112; UBCEP1; UBCEP80; ubiquitin-40S ribosomal protein S27a; 40S ribosomal protein S27a; epididymis luminal protein 112; ubiquitin C; ubiquitin and ribosomal protein S27a; ubiquitin carboxyl extension protein 80; ubiquitin-CEP80
Gene ID	6233
mRNA Refseq	NM_001135592
Protein Refseq	NP_001129064
MIM	191343
UniProt ID	P0CG48
SDS-PAGE Analysis of RPS27A	Lane 1: MW Markers

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Lane 2: Ubiquitin (10 g)
Lane 3: Ubiquitin (5 g)
Lane 4: Ubiquitin (2 g)

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA