Recombinant Human RPS7

Cat. No. RPS7-30768TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-194 of Human RPS7, with N-terminal tag; 25 kDa.
Species	Human
Source	E.coli
ProteinLength	1-194 a.a.
Description	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.
Form	Lyophilised:Reconstitution with 59 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	MFSSSAKIVKPNGEKPDEFESGISQALLELEMNSDLKAQL RELNITAAKEIEVGGGR

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

acids	KAIIIFVPVPQLKSFQKIQVR LVRELEKKFSGKHVVFIAQRRILPKPTRKSRTKNKQKR PRSRTLTAVHDAILEDLVFPSEIVGKRIRVKLDGSRLIKV HLDKAQQNNVEHKVETFS GVYKKLTGKDVNFEFPEFQL
Sequence Similarities	Belongs to the ribosomal protein S7e family.
Full Length	Full L.

GENE INFORMATION

Gene Name	RPS7 ribosomal protein S7 [Homo sapiens]
Official Symbol	RPS7
Synonyms	RPS7; ribosomal protein S7; 40S ribosomal protein S7; S7;
Gene ID	6201
mRNA Refseq	NM_001011
Protein Refseq	NP_001002
MIM	603658
Uniprot ID	P62081
Chromosome Location	2p25
Pathway	Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S, organism-specific biosystem; Cap-dependent Translation

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

	Initiation, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Diabetes pathways, organism-specific biosystem;
Function	RNA binding; protein binding; structural constituent of ribosome;

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