

Recombinant Human RPL30, His-tagged

Cat. No. RPL30-15917H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RPL30 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-115aa
Description	Ribosomes, the organelles that catalyze protein synthesis, consists 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. RPL30 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L30E family of ribosomal proteins. It is located in the cytoplasm. This gene is co-transcribed with the U72 small nucleolar RNA gene, which is located in its fourth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2mM DTT
Molecular Mass	15.2 kDa (138aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMVAAKKT KKSLESINSR LQLVMKSGKY VLGYKQTLKM IRQGKAKLVI LANNCPALRK SEIEYYAMLA KTGVDHYSGN

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NIELGTACGK YYRVCTLAII DPGDSDIIRS MPEQTGEK

Purity >90% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [RPL30 ribosomal protein L30 \[Homo sapiens \]](#)

Official Symbol RPL30

Synonyms RPL30; ribosomal protein L30; 60S ribosomal protein L30; L30;

Gene ID [6156](#)

mRNA Refseq [NM_000989](#)

Protein Refseq [NP_000980](#)

MIM [180467](#)

UniProt ID [P62888](#)

Chromosome Location 8q22

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Pathway

Cap-dependent Translation Initiation, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Disease, organism-specific biosystem; Eukaryotic Translation Elongation, organism-specific biosystem; Eukaryotic Translation Initiation, organism-specific biosystem; Eukaryotic Translation Termination, organism-specific biosystem; Formation of a pool of free 40S subunits, organism-specific biosystem;

Function

RNA binding; structural constituent of ribosome; structural constituent of ribosome;

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