

Recombinant Human ribosomal protein L26, His-tagged

Cat. No. RPL26-235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RPL26, 1-145aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-145 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. RPL26 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L24P 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. Recombinant human RPL26 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 40% glycerol, 1mM DTT.
Molecular Mass	19.6 kDa (168aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH GSMKFNPV TSDRSKNRKR HFNAPSHIRR KIMSSPLSKE LRQKYNVRSM PIRKDEVEQV VRGHYKGQQI GKVVQVYRKK

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YVIYIERVQR EKANGTTVHV GIHPSKVVT RLKLDKDRKK ILERKAKSRQ
VGKEKGKYKE ETIEKMQE

Purity >85% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [RPL26 ribosomal protein L26 \[Homo sapiens \]](#)

Official Symbol RPL26

Synonyms RPL26; ribosomal protein L26; 60S ribosomal protein L26; L26;

Gene ID [6154](#)

mRNA Refseq [NM_000987](#)

Protein Refseq [NP_000978](#)

MIM [603704](#)

UniProt ID [P61254](#)

Chromosome Location 17p13

Pathway Cap-dependent Translation Initiation, organism-specific biosystem; Cytoplasmic

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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;

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