

Recombinant Human RPL18, His-tagged

Cat. No. RPL18-31334TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-188 of Human RPL18 with N terminal His tag; MWt 24kDa.
Species	Human
Source	E.coli
ProteinLength	1-188 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 60S subunit. The protein belongs to the L18E 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.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 74 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.

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Sequences of amino acids	MGVDIRHNKDRKVRRKEPKSQDIYLRLLVKLYRFLARRTN STFNQVVLKRLFMSRT NRPPLSLSRMIRKMKLPGRENK TAVVVGITDDVRVQEVPKLKVCALRVTSRARSRI LRA G GKILTFDQLALDSPKGCGTVLLSGPRKGREVYRHFGK APGTPHSHTKPYVR SKGRKFERARGRRASRGYKN
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Full Length	Full L.
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GENE INFORMATION

Gene Name	RPL18 ribosomal protein L18 [Homo sapiens]
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Official Symbol	RPL18
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Synonyms	RPL18; ribosomal protein L18; 60S ribosomal protein L18; L18;
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Gene ID	6141
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mRNA Refseq	NM_000979
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Protein Refseq	NP_000970
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MIM	604179
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Uniprot ID	Q07020
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Chromosome Location	19q13
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Pathway	Cap-dependent Translation Initiation, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Eukaryotic
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Translation Elongation, organism-specific biosystem;

Function

RNA binding; structural constituent of ribosome;

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