

## Recombinant Human RPL18, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length protein, corresponding to amino acids 1-188 of Human RPL18 with N terminal His tag; MWt 24kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-188 a.a.
<b>Description</b>	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.
<b>Conjugation</b>	HIS
<b>Form</b>	Lyophilised:Reconstitute with 74 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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<b>Sequences of amino acids</b>	MGVDIRHNKDRKVRRKEPKSQDIYLRLLVKLYRFLARRTN STFNQVVLKRLFMSRT NRPPLSLSRMIRKMKLPGRENK TAVVVGITDDVVRVQEVPKLKVICALRVTSRARSRI LRA G GKILTFDQLALDSPKGC GTVLLSGPRKGREVYRHF GK APGTPHSHTKPYVR SKGRKFERARGRRASRGYKN
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<b>Full Length</b>	Full L.
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## GENE INFORMATION

<b>Gene Name</b>	RPL18 ribosomal protein L18 [ Homo sapiens ]
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<b>Official Symbol</b>	RPL18
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<b>Synonyms</b>	RPL18; ribosomal protein L18; 60S ribosomal protein L18; L18;
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<b>Gene ID</b>	6141
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<b>mRNA Refseq</b>	NM_000979
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<b>Protein Refseq</b>	NP_000970
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<b>MIM</b>	604179
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<b>Uniprot ID</b>	Q07020
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<b>Chromosome Location</b>	19q13
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<b>Pathway</b>	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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