

Recombinant Human RPL9, His-tagged

Cat. No. RPL9-29466TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-192 of Human RPL9 with N terminal His tag; Predicted MWt 23 kDa.
Species	Human
Source	E.coli
ProteinLength	1-192 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 L6P 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. Two alternatively spliced transcript variants encoding the same protein have been found for this gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 57 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MKTILSNQTVDIPENV DITLKGRTVIVKGPRGTLRRDFNH INVELSLLGKKKKRLRVD KWWGNRKELATVRTICSHVQ NMIKGVTLGFRYKMRSVYAHFPINVVIQENGSLVEIR N FLGEKYIRRV RMRPGVACSVSQAQKDELILEGNDIELV SNSAALIQQATTVKNKDI RKFLDGIYVSEKGT VQQADE
Full Length	Full L.

GENE INFORMATION

Gene Name	RPL9 ribosomal protein L9 [Homo sapiens]
Official Symbol	RPL9
Synonyms	RPL9; ribosomal protein L9; 60S ribosomal protein L9; L9;
Gene ID	6133
mRNA Refseq	NM_000661
Protein Refseq	NP_000652
MIM	603686
Uniprot ID	P32969
Chromosome Location	4p13
Pathway	Cap-dependent Translation Initiation, organism-specific biosystem; Cytoplasmic Ribosomal Proteins, organism-specific biosystem; Developmental Biology, organism-

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specific biosystem; Diabetes pathways, organism-specific biosystem; Eukaryotic Translation Elongation, organism-specific biosystem;

Function

RNA binding; rRNA binding; structural constituent of ribosome;

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