

# Recombinant Human RPL24 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** RPL24-2774H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

RPL24 MS Standard C13 and N15-labeled recombinant protein (NP\_000977) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### 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 L24E family of ribosomal proteins. It is located in the cytoplasm. This gene has been referred to as ribosomal protein L30 because the encoded protein shares amino acid identity with the L30 ribosomal proteins from *S. cerevisiae*; however, its official name is ribosomal protein L24. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

### Molecular Mass

17.8 kDa

### AA Sequence

MKVELCSFSGYKIYPGHGRRYARTDGKVFQFLNAKCESAFLSKRNPRQINWTVLYR  
 RKHKKGQSEEIQKKRTRRAVKFQRAITGASLADIMAKRNQKPEVRKAQREQAIRAAK  
 EAKKAKQASKKTAMAAAKAPTKAAPKQKIVKPKVVSAPRVGGKRTRTRPLEQKLISE  
 EDLAANDILDYKDDDDKV

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<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	RPL24 ribosomal protein L24 [ Homo sapiens (human) ]
<b>Official Symbol</b>	RPL24
<b>Synonyms</b>	RPL24; ribosomal protein L24; L24; HEL-S-310; 60S ribosomal protein L24; 60S ribosomal protein L30; epididymis secretory protein Li 310; large ribosomal subunit protein eL24; ribosomal protein L30
<b>Gene ID</b>	6152
<b>mRNA Refseq</b>	NM_000986
<b>Protein Refseq</b>	NP_000977
<b>MIM</b>	604180
<b>UniProt ID</b>	P83731

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