

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 <i>S. cerevisiae</i> ; 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 EAKKAKQASKKTAMAAAKAPTKAAPKQKIVKPVKVSAPRVGGKRTTRPLEQKLISE EDLAANDILDYKDDDDKV

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

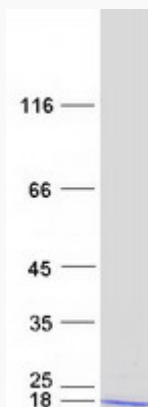
GENE INFORMATION

Gene Name	RPL24 ribosomal protein L24 [Homo sapiens (human)]
Official Symbol	RPL24
Synonyms	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
Gene ID	6152
mRNA Refseq	NM_000986
Protein Refseq	NP_000977
MIM	604180
UniProt ID	P83731

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SDS-PAGE

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