

Recombinant Human RPL12 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RPL12-883H Lot. No. (See product label)

SPECIFICATION

Product Overview	RPL12 MS Standard C13 and N15-labeled recombinant protein (NP_000967) 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 L11P family of ribosomal proteins. It is located in the cytoplasm. The protein binds directly to the 26S rRNA. This gene is co-transcribed with the U65 snoRNA, which is located in its fourth intron. 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	MPPKFDPNEIKVVYLRCTGGEVGATSALAPKIGPLGLSPKKVGDDIAKATGDWKGLR ITVKLTIQNRQAQIEVVPSASALIICALKEPPRDRKKQKNIKHSGNITFDEIVNIARQMR HRSLARELSGTIKEILGTAQSVGCNVDGRHPHDIIDDINS GAVECPASTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

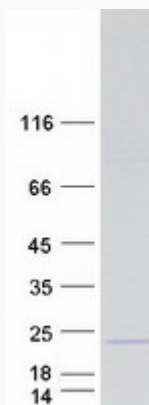
GENE INFORMATION

Gene Name	RPL12 ribosomal protein L12 [Homo sapiens (human)]
Official Symbol	RPL12
Synonyms	RPL12; ribosomal protein L12; 60S ribosomal protein L12; L12;
Gene ID	6136
mRNA Refseq	NM_000976
Protein Refseq	NP_000967
MIM	180475
UniProt ID	P30050

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SDS-PAGE

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