

Recombinant Full Length Human RPL12 Protein

Cat. No. RPL12-446HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RPL12 with N-terminal proprietary tag. Predicted MW 44.22 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	165 amino acids
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.
Form	Liquid
Molecular Mass	44.220kDa inclusive of tags
AA Sequence	MPPKFDPNEIKVVYLRCTGGEVGATSALAPKIGPLGLSPK KVGDDIAKATGDWKGL RITVKLTIQNRQAQIEVVPSASAL IIKALKEPPRDRKKQKNIKHSGNITFDEIVNIARQM RHRS LARELSGTIKEILGTAQSVGCNVDGRHPHDIIDDINS GAV ECPAS

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Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	RPL12 ribosomal protein L12 [Homo sapiens]
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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