

# Recombinant Human RPL10A

Catalog No: #GP13542



Package Size: #GP13542-1 100ug

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## Description

Product Name	Recombinant Human RPL10A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-217 amino acids of human RPL10A
Target Name	ribosomal protein L10a
Other Names	L10A; CSA19; NEDD6; Csa-19
Accession No.	Swissprot:P62906Gene Accession:BC006791
Uniprot	P62906
GeneID	4736;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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 L1P family of ribosomal proteins. It is located in the cytoplasm. The expression of this gene is downregulated in the thymus by cyclosporin-A (CsA), an immunosuppressive drug. Studies in mice have shown that the expression of the ribosomal protein L10a gene is downregulated in neural precursor cells during development. This gene previously was referred to as NEDD6 (neural precursor cell expressed, developmentally downregulated 6), but it has been renamed RPL10A (ribosomal protein 10a). As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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