

Recombinant Human RPL10A Protein, His-tagged

Cat. No. RPL10A-263H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPL10A fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
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 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.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl. Store at -80centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

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Molecular Mass	24.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	RPL10A ribosomal protein L10a [Homo sapiens]
Official Symbol	RPL10A
Synonyms	RPL10A; ribosomal protein L10a; NEDD6; 60S ribosomal protein L10a; Csa 19; L10A; NEDD-6; neural precursor cell expressed developmentally down-regulated protein 6; Csa-19;
Gene ID	4736
mRNA Refseq	NM_007104
Protein Refseq	NP_009035
UniProt ID	P62906

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