



Recombinant Human 60S ribosomal protein L10a (RPL10A)

Product Code	CSB-EP020107HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P62906
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	SSKVSRTL YEAVREVLHG NQRKRRKFLE TVELQISLKN YDPQKDKRFS GTVRLKSTPR PKFSVCVLGD QQHCDEAKAV DIPHMDIEAL KKLNKNKKLV KKLAKKYDAF LASESLIKQI PRILGPGLNK AGKFPSLLTH NENMVAKVDE VKSTIKFQMK KVLCLAVAVG HVKMTDDELV YNIHLAVNFL VSLLKKNWQN VRALYIKSTM GKPQRLY
Source	E.coli
Target Names	RPL10A
Protein Names	Recommended name: 60S ribosomal protein L10a Alternative name(s): CSA-19 Neural precursor cell expressed developmentally down-regulated protein 6 Short name= NEDD-6
Expression Region	2-217
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.