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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPL10A (Human) Recombinant Protein (P01)

Catalog Number: H00004736-P01

Regulation Status: For research use only (RUO)

Product Description: Human RPL10A full-length ORF (NP_009035.3, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSSKVS RD TLYEAVREVLHGNQRKRKRFLETVELQISL
KNYDPQKDKRFSGTVRLKSTPRPKFSVCLGDQQHC
DEAKAVDIPHMIEALKKLNKKNKLVKLLAKKYDAFLAS
ESLIKQIPRILGPGLNKAGKFPSSLTHNENMVAKVDEVK
STIKFQMKKVLCLAVAVGHVKMTDDELVYNIHLAVNFL
VSLLKKNWQNVRALYIKSTMGKPQRLY

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 51.2

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4736

Gene Symbol: RPL10A

Gene Alias: Csa-19, NEDD6

Gene Summary: 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. [provided by RefSeq]