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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPLP0 (Human) Recombinant Protein (P01)

Catalog Number: H00006175-P01

Regulation Status: For research use only (RUO)

Product Description: Human RPLP0 full-length ORF (AAH08092, 1 a.a. - 317 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPREDRATWKSNYFLKIIQLLDDYPKCFIVGADNVGSK
QMQQIRMSLRGKAVVLMGKNTMMRKAIRGHLENNPA
LEKLLPHIRGNVGFVFTKEDLTEIRDMLLANKVPAAARA
GAIAPCEVTVPAQNTGLGPEKTSFFQALGITTISRGTI
EILSDVQLIKTGDKVGASEATLLNMLNISPFSGFLVIQQ
VFDNGSIYNPEVLDITEETLHSRFLGVRNVASVCLQIG
YPTVASVPHSIINGYKRVLALSVDYTFPLAEKVKAFI
ADPSAFVAAAPVAAATTAAPAAAAAPAKVEAKEESE
SDEDMGFGLFD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 60.61

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: 6175

Gene Symbol: RPLP0

Gene Alias: L10E, MGC111226, MGC88175, P0,

PRLP0, RPP0

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, which is the functional equivalent of the E. coli L10 ribosomal protein, belongs to the L10P family of ribosomal proteins. It is a neutral phosphoprotein with a C-terminal end that is nearly identical to the C-terminal ends of the acidic ribosomal phosphoproteins P1 and P2. The P0 protein can interact with P1 and P2 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. Transcript variants derived from alternative splicing exist; they encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]