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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPS27 (Human) Recombinant Protein (P01)

Catalog Number: H00006232-P01

Regulation Status: For research use only (RUO)

Product Description: Human RPS27 full-length ORF (AAH02658, 1 a.a. - 84 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPLAKDLLHPSPEEEKRKHKKKRLVQSPNSYFMDVKC
PGCYKITTVFSHAQTVVLCVGCSTVLCQPTGGKARLT
EGCSFRRKQH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 34.98

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: 6232

Gene Symbol: RPS27

Gene Alias: MPS-1, MPS1

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 40S subunit. The protein belongs to the S27E family of ribosomal proteins. It contains a C4-type zinc finger domain that can bind to zinc. The encoded protein has been shown to be able to bind to nucleic acid. It is located in the cytoplasm as a ribosomal component, but it has also been detected in the nucleus. Studies in rat indicate that ribosomal protein S27 is located near ribosomal protein S18 in the 40S subunit and is covalently linked to translation initiation factor eIF3. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]

References:

1. A novel whole-cell lysate kinase assay identifies substrates of the p38 MAPK in differentiating myoblasts. Knight JD, Tian R, Lee RE, Wang F, Beauvais A, Zou H, Megeney LA, Gingras AC, Pawson T, Figeys D, Kothary R. Skelet Muscle. 2012 Mar 6;2:5.