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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPS14 (Human) Recombinant Protein (P01)

Catalog Number: H00006208-P01

Regulation Status: For research use only (RUO)

Product Description: Human RPS14 full-length ORF (AAH03401, 1 a.a. - 151 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAPRKGKEKKEEQVISLGPQVAEGENVFGVCHIFASF
NDTFVHVTDLSGKETICRVTTGGMKVKADRDESSPYAA
MLAAQDVAQRCKELGITALHIKLRATGGNRTKTPGPG
AQSALRALARSGMKIGRIEDVTPIPSDSTRRKGGRRG
RRL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 42.35

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: 6208

Gene Symbol: RPS14

Gene Alias: EMTB

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 S11P family of ribosomal proteins. It is located in the cytoplasm. Transcript variants utilizing alternative transcription initiation sites have been described in the literature. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. In Chinese hamster ovary cells, mutations in this gene can lead to resistance to emetine, a protein synthesis inhibitor. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]