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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPS18 (Human) Recombinant Protein (P01)

Catalog Number: H00006222-P01

Regulation Status: For research use only (RUO)

Product Description: Human RPS18 full-length ORF (NP_072045.1, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSLVIPEKFQHILRVLNTNIDGRRKIAFAITAIKGVGRRY
AHVVLRKADIDLTKRAGELTEDEVERVITIMQNPRQYKI
PDWFLNRQKDVKDGKYSQVLANGLDNKLREDLERLK
KIRAHRLRHFVGLRVRGQHTKTGRRGRTVGVSKK
K

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 44.1

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: 6222

Gene Symbol: RPS18

Gene Alias: D6S218E, HKE3, KE-3, KE3, MGC117351, MGC126835, MGC126837

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 S13P family of ribosomal proteins. It is located in the cytoplasm. The gene product of the E. coli ortholog (ribosomal protein S13) is involved in the binding of fMet-tRNA, and thus, in the initiation of translation. This gene is an ortholog of mouse Ke3. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]