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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPS8 (Human) Recombinant Protein (P01)

Catalog Number: H00006202-P01

Regulation Status: For research use only (RUO)

Product Description: Human RPS8 full-length ORF (NP_001003.1, 1 a.a. - 208 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGISRDNWHKRRKTGGKRKPYHKKRKYELGRPAANT
KIGPRRIHTVRVRGGNKKYRALRLDVGNFSGSECCT
RKTRIIDVVYNASNNELVRTKTLVKNCIVLIDSTPYRQW
YESHYALPLGRKKGAKLTPEEEEEILNKKRSKKIQKKYD
ERKKNAKISSLLEEQFQQGKLLACIASRPGQCGRADG
YVLEGKELEFYLRKIKARKGK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 50.6

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: 6202

Gene Symbol: RPS8

Gene Alias: -

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 S8E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal tumors and colon polyps compared to matched normal colonic mucosa has been observed. This gene is co-transcribed with the small nucleolar RNA genes U38A, U38B, U39, and U40, which are located in its fourth, fifth, first, and second introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]