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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPS4Y1 (Human) Recombinant Protein (P01)

Catalog Number: H00006192-P01

Regulation Status: For research use only (RUO)

Product Description: Human RPS4Y1 full-length ORF (NP_000999.1, 1 a.a. - 263 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MARGPKKHLKRVAAPKHWMLDKLTGVFAPRPSTGPH
KLRECLPLIVFLRNRLKYALTGDEVKKICMQRFKIDGK
VRVDVITYPAGFMDVISIEKTGEHFRLVYDTKGRFAVHR
ITVEEAKYKLVKRVKITVGVKGIPLVTHDARTIRYPDP
VIKVNQIDLVGDKIINFIKFDTGNLGCMVIGGANLGRV
GVITNRRERHPGSFVHVVDKANGNSFATRLSNIFVIGN
GNKPWISLPRGKGIRLTVAEERDKRLATKQSSG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 55.9

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: 6192

Gene Symbol: RPS4Y1

Gene Alias: MGC119100, MGC5070, RPS4Y

Gene Summary: Cytoplasmic ribosomes, 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 ribosomal protein S4, a component of the 40S subunit. Ribosomal protein S4 is the only ribosomal protein known to be encoded by more than one gene, namely this gene and ribosomal protein S4, X-linked (RPS4X). The 2 isoforms encoded by these genes are not identical, but are functionally equivalent. Ribosomal protein S4 belongs to the S4E family of ribosomal proteins. It has been suggested that haploinsufficiency of the ribosomal protein S4 genes plays a role in Turner syndrome; however, this hypothesis is controversial. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]