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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPS4X (Human) Recombinant Protein (Q01)

Catalog Number: H00006191-Q01

Regulation Status: For research use only (RUO)

Product Description: Human RPS4X partial ORF (NP_000998, 74 a.a. - 177 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

GKVRTDITYPAGFMDVISIDKTGENFRLIYDTKGRFAVH
RITPEEAKYKLCVKRIFVGTGKIPHLVTHDARTIRYPD
PLIKVNDTIQIDLETGKITDFIKFDT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.18

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: 6191

Gene Symbol: RPS4X

Gene Alias: CCG2, DXS306, FLJ40595, SCAR, SCR10

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, Y-linked (RPS4Y). 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. This gene is not subject to X-inactivation. 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]