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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RPS27A (Human) Recombinant Protein (P01)

Catalog Number: H00006233-P01

Regulation Status: For research use only (RUO)

Product Description: Human RPS27A full-length ORF (NP_002945.1, 1 a.a. - 156 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MQIFVKTLTGKTITLEVEPSDTIENVKAKIQDKEGIPPDQ
QRLIFAGKQLEDGRTLSDYNIQKESTLHLVLRRLRGGAK
KRKKKSYTTPKKNKHKRKKVLAFLKYYKVDENGKISR
LRRECPSDECGAGVFMASHFDRHYCGKCCLTYCFNK
PEDK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 44.4

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: 6233

Gene Symbol: RPS27A

Gene Alias: CEP80, HUBCEP80, UBA80, UBCEP1, UBCEP80

Gene Summary: Ubiquitin, a highly conserved protein that has a major role in targeting cellular proteins for

degradation by the 26S proteasome, is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin fused to an unrelated protein. This gene encodes a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein S27a at the C terminus. When expressed in yeast, the protein is post-translationally processed, generating free ubiquitin monomer and ribosomal protein S27a. Ribosomal protein S27a is a component of the 40S subunit of the ribosome and belongs to the S27AE family of ribosomal proteins. It contains C4-type zinc finger domains and is located in the cytoplasm. Pseudogenes derived from this gene are present in the genome. As with ribosomal protein S27a, ribosomal protein L40 is also synthesized as a fusion protein with ubiquitin; similarly, ribosomal protein S30 is synthesized as a fusion protein with the ubiquitin-like protein fubi. Multiple alternatively spliced transcript variants that encode the same proteins have been identified.[provided by RefSeq]