

Recombinant Human RPS27

Catalog No: #GP10008



Package Size: #GP10008-1 100ug

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Description

Product Name	Recombinant Human RPS27
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 9-84 amino acids of human ribosomal protein S27
Target Name	ribosomal protein S27
Other Names	S27; MPS1; MPS-1
Accession No.	Swissprot:P42677Gene Accession:BC002658
Uniprot	P42677
GeneID	6232;
Storage	-20~-80°C, pH 7.6 PBS

Background

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 S27E family of ribosomal proteins. It contains a C4-type zinc finger domain that can bind to zinc. The encoded protein has been shown to be able to bind to nucleic acid. It is located in the cytoplasm as a ribosomal component, but it has also been detected in the nucleus. Studies in rat indicate that ribosomal protein S27 is located near ribosomal protein S18 in the 40S subunit and is covalently linked to translation initiation factor eIF3. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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