

Recombinant Human RPS14

Catalog No: #GP13493



Package Size: #GP13493-1 100ug

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Description

Product Name	Recombinant Human RPS14
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-151 amino acids of human RPS14
Target Name	ribosomal protein S14
Other Names	S14; EMTB
Accession No.	Swissprot:P62263Gene Accession:BC001126
Uniprot	P62263
GeneID	6208;
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 S11P family of ribosomal proteins. It is located in the cytoplasm. Transcript variants utilizing alternative transcription initiation sites have been described in the literature. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. In Chinese hamster ovary cells, mutations in this gene can lead to resistance to emetine, a protein synthesis inhibitor. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.

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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