

Recombinant Full Length Human RPS25 Protein, C-Flag-tagged

Cat. No. RPS25-1399HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RPS25 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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 S25E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	13.6 kDa
AA Sequence	MPPKDDKKKKDAGKSAKKDKDPVNKSGGKAKKKKWSKGVKVRDKLNNLVLFDKATY DKLCKEVPNYKLITPAVVSERLKIRGSLARAALQELLSKGLIKLVSKHRAQVIYTRNTK GGDAPAAGEDA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Ribosome
Full Length	Full L.

GENE INFORMATION

Gene Name	RPS25 ribosomal protein S25 [Homo sapiens (human)]
Official Symbol	RPS25
Synonyms	S25
Gene ID	6230
mRNA Refseq	NM_001028.3
Protein Refseq	NP_001019.1
MIM	180465
UniProt ID	P62851

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