Recombinant Full Length Human RPS2 Protein

Cat. No. RPS2-443HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RPS2 with N terminal proprietary tag; Predicted MWt 58.34 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	293 amino acids
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 S5P family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is co-transcribed with the small nucleolar RNA gene U64, which is located in its third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
Form	Liquid
Molecular Mass	58.340kDa inclusive of tags
AA Sequence	MADDAGAAGGPGGPGGPGMGNRGGFRGGFGSGIRGRGRGR GRGRGRGRGAR GGKAEDKEWMPVTKLGRLVKDMKIKSLEE IYLFSLPIKESEIIDFFLGASLKDEVLKIM

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	PVQKQTRAGQ RTRFKAFVAIGDYNGHVGLGVKCSKEVATAIRGAIILAKL SIVPVRR GYWGNKIGKPHTVPCKVTGRCGSVLVRLIPAPR GTGIVSAPVPKKLLMMAGIDDCY TSARGCTATLGNFAKAT FDAISKTYSYLTPDLWKETVFTKSPYQEFTDHLVKTHTRV SVQRTQAPAVATT
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	RPS2 ribosomal protein S2 [Homo sapiens]
Official Symbol	RPS2
Synonyms	RPS2; ribosomal protein S2; 40S ribosomal protein S2; LLREP3; S2
Gene ID	6187
mRNA Refseq	NM_002952
Protein Refseq	NP_002943
MIM	603624
UniProt ID	P15880

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