

Recombinant Full Length Human RPS24 Protein

Cat. No. RPS24-444HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RPS24, isoform 2 (amino acids 1-130) with N terminal proprietary tag, 40.37 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	130 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 S24E family of ribosomal proteins. It is located in the cytoplasm. Multiple transcript variants encoding different isoforms have been found for this gene. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Mutations in this gene result in Diamond-Blackfan anemia.
Form	Liquid
Molecular Mass	40.370kDa inclusive of tags
AA Sequence	MNDTVTIRTRKFMNRLQLQRKQMVLDVLPKATVPKTEI REKLAKMYKTTDPDVFVF GFRTHFGGGKTTGFGMIYDSL D YAKKNEPKHRLARHGLYEKKKTSRKQRKERKNR

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MKKVRGT AKANVGAGKK

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 [RPS24 ribosomal protein S24 \[Homo sapiens \]](#)

Official Symbol [RPS24](#)

Synonyms RPS24; ribosomal protein S24; 40S ribosomal protein S24; S24

Gene ID [6229](#)

mRNA Refseq [NM_033022](#)

Protein Refseq [NP_148982](#)

MIM [602412](#)

UniProt ID [P62847](#)

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