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Datasheet for ABIN7318113 RPS7 Protein (His tag)

Overview

Quantity:	50 µg
Target:	RPS7
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPS7 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human RPS7 Protein (His Tag)
Sequence:	Met 1-Leu194
Characteristics:	Recombinant Human 40S Ribosomal protein S7 is produced by our E.coli expression system and the target gene encoding Met1-Leu194 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	RPS7
Alternative Name:	RPS7 (RPS7 Products)
Background:	Background: 40S ribosomal protein S7(RPS7) belongs to the S7E family of ribosomal proteins. It is phosphorylated by NEK6 during post-translational modification. RPS7 is located in the cytoplasm, binds IPO9 with high affinity. it also can interacts with NEK6. As is required for rRNA

Target Details

maturation and typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. The unnormal expression of RPS7 may cause Diamond-Blackfan anemia 8.

Synonym: 40S ribosomal protein S7,RPS7

Molecular Weight: 23.2 kDa

UniProt: [P62081](#)

Pathways: [Tube Formation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris, 150 mM NaCl, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.