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## Datasheet for ABIN2115477 RPS7 Protein (AA 1-194) (His tag)

### Overview

Quantity:	50 µg
Target:	RPS7
Protein Characteristics:	AA 1-194
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 40S Ribosomal Protein S7/RPS7 (C-6His)
Sequence:	MFSSSAKIVK PNGEKPDEFE SGISQALLEL EMNSDLKAQL RELNITAAKE IEVGGGRKAI IIFVPVQLK SFQKIQVRLV RELEKKFSGK HVVFIAQRRI LPKPTRKSRT KNKQKRPRSR TLTAVHDAIL EDLVFPSEIV GKRI RVKLDG SRLIKVHLDK AQQNNVEHKV ETFSGVYKKL TGKDVNFEFP EFQLEHHHH HH
Characteristics:	Recombinant Human RPS7 is produced with our E. coli expression system. The target protein is expressed with sequence (Met1-Leu194) of Human RPS7 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	RPS7
Alternative Name:	40S Ribosomal Protein S7/RPS7 ( <a href="#">RPS7 Products</a> )
Background:	<p>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 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.</p> <p>Synonyms: 40S ribosomal protein S7,RPS7</p>
Molecular Weight:	23.2 kDa
UniProt:	<a href="#">P62081</a>
Pathways:	<a href="#">Tube Formation</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM Tris,150 mM NaCl, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at &lt; -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months