

Recombinant Human RPS7 Protein (His Tag)

Catalog Number:PKSH032022



Note: Centrifuge before opening to ensure complete recovery of vial contents.

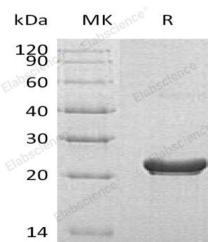
Description

Synonyms	40S ribosomal protein S7;RPS7
Species	Human
Expression Host	E.coli
Sequence	Met 1-Leu194
Accession	P62081
Calculated Molecular Weight	23.2 kDa
Observed molecular weight	23 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μ m filtered solution of 20mM Acetate, 8% Sucrose, 50mM NaCl, 0.05% Tween 80, 0.05% Tween 20, pH 4.0.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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 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.

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