

**Product Name: Recombinant Human RPS7 (C-6His)**  
**Catalog #: PEH1447**

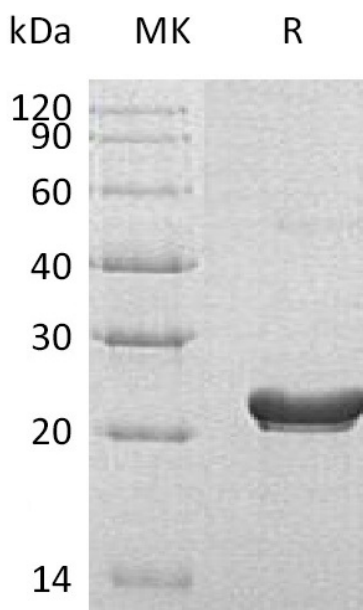


## Summary

<b>Name</b>	RPS7/40S ribosomal protein S7
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	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.
<b>Accession #</b>	P62081
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	23.2 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM Acetate, 8% Sucrose, 50mM NaCl, 0.05% Tween 80, 0.05% Tween 20, pH 4.0.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image

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### Alternative Names

40S ribosomal protein S7;RPS7

### 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 interact 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 abnormal expression of RPS7 may cause Diamond-Blackfan anemia 8.

### Note

For Research Use Only , Not for Diagnostic Use.