

30S Ribosomal Protein S4/RPS4 Protein, E.coli (His)

Cat. No.:	HY-P71689
Synonyms:	rpsD; ramA; b3296; JW3258; 30S ribosomal protein S4; Small ribosomal subunit protein uS4
Species:	E.coli
Source:	E. coli
Accession:	P0A7V8 (2A-206K)
Gene ID:	58463221
Molecular Weight:	Approximately 27.3 kDa

PROPERTIES

AA Sequence	<pre> A R Y L G P K L K L S R R E G T D L F L K S G V R A I D T K C K I E Q A P G Q H G A R K P R L S D Y G V Q L R E K Q K V R R I Y G V L E R Q F R N Y Y K E A A R L K G N T G E N L L A L L E G R L D N V V Y R M G F G A T R A E A R Q L V S H K A I M V N G R V V N I A S Y Q V S P N D V V S I R E K A K K Q S R V K A A L E L A E Q R E K P T W L E V D A G K M E G T F K R K P E R S D L S A D I N E H L I V E L Y S K </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Primary ribosomal protein S4 is essential for 30S ribosome biogenesis in eubacteria, because it nucleates subunit assembly and helps coordinate assembly with the synthesis of its rRNA and protein components ^[1] .
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REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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