9051 Mira Mesa Blvd, #910094
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RPS4X Human

Ribosomal Protein 4X Human Recombinant
RCP1924

Product Overview

Name	RPS4X Human
Description	
Ribosomal Protein 4X Human Recombinant	
Accession (Primary)	P62701
Synonyms	
Ribosomal protein S4, X-linked, CCG2; DXS306, RPS4, S4, SCAR, SCR10, 40S ribosomal protein S4, X isoform, Single copy abundant mRNA protein, RPS4X.	
Introduction	
Ribosomal Protein 4X (RPS4X) is ribosomal protein S4, a component of the 40S subunit which is a part from the S4E family of ribosomal proteins. Ribosomal protein S4 is the only ribosomal protein known to be encoded by more than one gene, that is RPS4X and ribosomal protein S4, Y-linked (RPS4Y). Both isoforms encoded by these genes are not the same, but are functionally alike.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The RPS4X solution (0.5mg/ml) contains 20mM Tris-HCl(pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MARGPKK HLKRVAAPKH WMLDKLTGVF APRPSTGPHK LRECLPLIIF LRNRLKYALT GDEVKKICMQ RFIKIDGKVR TDITYPAGFM DVISIDKTGE NFRLIYDTKG RFAVHRITPE EAKYKLCKVR KIFVGTKGIP HLVTHDARTI RYPDPLIKVN DTIQIDLETG KITDFIKFDT GNLCMVTGGA NLGRIGVITN RERHPGSFDV VHVKDANGNS FATRLSNIFV IGKGNKPWIS LPRGKGIRLT IAEERDKRLA AKQSSG.	

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Precautions

RPS4X Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P62701)