

40S ribosomal protein S2 (RPS2) Recombinant Protein | RPS2 recombinant protein

Recombinant Human 40S ribosomal protein S2 (RPS2)

CATALOG # AAA113185	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

40S ribosomal protein S2 (RPS2); Recombinant Human 40S ribosomal protein S2 (RPS2); RPS2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-293aa; Full Length of Mature Protein
Sequence	ADDAGAAGGP GPGGGPGMGN RGGFRGGFGS GIRGRGRGRG RGRGRGRGAR GGKAEDKEWM PVTKLGRVLK DMKIKSLEEI YLFSLPIKES EIIDFFLGAS LKDEVLKIMP VQKQTRAGQR TRFKAFVAIG DYNHGVGLGV KCSKEVATAI RGAILAKLS IVPVRRGYWG NKIGKPHTVP CKVTGRCGSV LVRIPAPRG TGIVSAPVPK KLLMMAGIDD CYTSARGCTA TLGNFAKATF DAISKYSYL TPDLWKETVF TKSPYQEFTD HLVKTHTRVS VQRTQAPAVA TT
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for RPS2 recombinant protein	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S5P family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is co-transcribed with the small nucleolar RNA gene U64, which is located in its third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15055539
NCBI GeneID	6187
NCBI Accession #	NP_002943.2
NCBI GenBank Nucleotide #	NM_002952.3
UniProt Accession #	P15880 ; Q3MIB1 ; B2R5G0 ; D3DU82
Molecular Weight	31,324 Da
NCBI Official Full Name	40S ribosomal protein S2
NCBI Official Synonym Full Names	ribosomal protein S2

NCBI Official Symbol	RPS2
NCBI Official Synonym Symbols	S2; LLREP3
NCBI Protein Information	40S ribosomal protein S2
UniProt Protein Name	40S ribosomal protein S2
UniProt Gene Name	RPS2
UniProt Synonym Gene Names	RPS4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rps2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113185>