

40S ribosomal protein S4, Y isoform 1 (RPS4Y1) Recombinant Protein | RPS4Y1 recombinant protein

Recombinant Human 40S ribosomal protein S4, Y isoform 1 (RPS4Y1)

CATALOG # AAA113631	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

40S ribosomal protein S4; Y isoform 1 (RPS4Y1); Recombinant Human 40S ribosomal protein S4; RPS4Y1 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	1-263aa; Full Length
Sequence	MARGPKKHLK RVAAPKHWML DKLTGVFAPR PSTGPHKLRE CLPLIVFLRN RLKYALTGDE VKKICMQRFI KIDGKVRVDV TYPAGFMDVI SIEKTGEHFR LVYDTKGRFA VHRITVEEAK YKLCKVRKIT VGVKGIPHLV THDARTIRYP DPVIKVNDTV QIDLGTGKII NFIKFDGTNL CMVIGGANLG RVGVITNRER HPGSFDVVHV KDANGNSFAT RLSNIFVIGN GNKPWISLPR GKGIRLTVAE ERDKRLATKQ SSG
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 RPS4Y1 recombinant protein	Cytoplasmic ribosomes, 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 ribosomal protein S4, a component of the 40S subunit. Ribosomal protein S4 is the only ribosomal protein known to be encoded by more than one gene, namely this gene and ribosomal protein S4, X-linked (RPS4X). The 2 isoforms encoded by these genes are not identical, but are functionally equivalent. Ribosomal protein S4 belongs to the S4E family of ribosomal proteins. It has been suggested that haploinsufficiency of the ribosomal protein S4 genes plays a role in Turner syndrome; however, this hypothesis is controversial. 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 #	4506727
NCBI GeneID	6192
NCBI Accession #	NP_000999.1
NCBI GenBank Nucleotide #	NM_001008.3
UniProt Accession #	P22090; A8K9V4
Molecular Weight	29,456 Da
NCBI Official Full Name	40S ribosomal protein S4, Y isoform 1

NCBI Official Synonym Full Names	ribosomal protein S4, Y-linked 1
NCBI Official Symbol	RPS4Y1
NCBI Official Synonym Symbols	S4; RPS4Y
NCBI Protein Information	40S ribosomal protein S4, Y isoform 1; 40S ribosomal protein S4, Y
UniProt Protein Name	40S ribosomal protein S4, Y isoform 1
UniProt Gene Name	RPS4Y1
UniProt Synonym Gene Names	RPS4Y

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/rps4y1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113631>