

Recombinant Human RPS4Y1 Protein, His-tagged

Cat. No. RPS4Y1-451H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPS4Y1 Protein(NP_000999)(6-263 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	6-263 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	KKHLKRVAAPKHWMLDKLTGVFAPRPSTGPHKLRECLPLIVFLRNRLKYALTGDEVK KICMQRFIKIDGKVRVDVTYPAGFMDVISIEKTGEHFRLVYDTKGRFAVHRITVEEAKY KLCKVRKITVGKGIPLVTHDARTIRYPDPVIKVNDTVQIDLGTGKIINFIKFDTGNLC MVGIGANLGRVGVITNRERHPGSFVDVHVKDANGNSFATRLSNIFVIGNGNKPWISL PRGKGIRLTVAEERDKRLATKQSSG
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

Gene Name	RPS4Y1 ribosomal protein S4, Y-linked 1 [Homo sapiens]
Official Symbol	RPS4Y1
Synonyms	RPS4Y1; ribosomal protein S4, Y-linked 1; ribosomal protein S4, Y linked , RPS4Y; 40S ribosomal protein S4, Y isoform 1; 40S ribosomal protein S4; Y; MGC5070; MGC119100; ribosomal protein S4Y; S4; 40S ribosomal protein S4, Y; RPS4Y;
Gene ID	6192
mRNA Refseq	NM_001008
Protein Refseq	NP_000999
MIM	470000
UniProt ID	P22090

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