Recombinant Human RPS19 protein, GST-tagged

Cat. No. RPS19-2420H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPS19 protein(1-145 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-145 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MPGVTVKDVNQQEFVRALAAFLKKSGKLKVPEWVDTVKLAKHKELAPYDENWFYT RAASTARHLYLRGGAGVGSMTKIYGGRQRNGVMPSHFSRGSKSVARRVLQALEGL KMVEKDQDGGRKLTPQGQRDLDRIAGQVAAANKKH
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

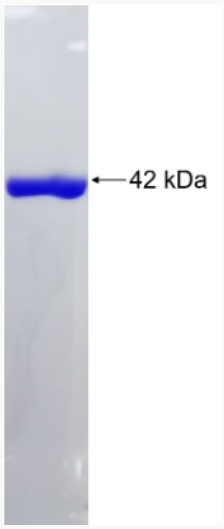
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	RPS19 ribosomal protein S19 [Homo sapiens]
Official Symbol	RPS19
Synonyms	RPS19; ribosomal protein S19; 40S ribosomal protein S19; DBA; Diamond Blackfan anemia; S19; DBA1;
Gene ID	6223
mRNA Refseq	NM_001022
Protein Refseq	NP_001013
MIM	603474
UniProt ID	P39019

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SDS-PAGE



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