

Recombinant Human MRPS18B protein, His-tagged

Cat. No. MRPS18B-3450H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MRPS18B protein(1-258 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-258 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAASVLNTVLRRLPMLSLFRGSHRVQVPLQTLCTKAPSEEDSLSSVPISPYKDEPWK YLESEYQERYGSRPVWADYRRNHKGGVPPQRTKTCIRRNKVVGNPCPICRDHK LHVDFRNVKLLEQFVCAHTGIIFYAPYTGVCVKQHKRLTQAIQKARDHGLLIYHIPQVE PRDLDFSTSHGAVSATPPAPTLVSSDPWYPWYNWKQPPERELSRLRRLYQGHLQE ESGPPPE SMPKMPPTPAEASSTGQTGPQSAL
Purity	95%, 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.
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GENE INFORMATION

Gene Name	MRPS18B mitochondrial ribosomal protein S18B [Homo sapiens]
Official Symbol	MRPS18B
Synonyms	MRPS18B; mitochondrial ribosomal protein S18B; 28S ribosomal protein S18b, mitochondrial; C6orf14; HSPC183; MRPS18 2; PTD017; S18mt-b; mrps18-b; MRP-S18-b; mitochondrial ribosomal protein S18-2; 28S ribosomal protein S18-2, mitochondrial; S18amt; MRPS18-2; HumanS18a; MRP-S18-2; DKFZp564H0223;
Gene ID	28973
mRNA Refseq	NM_014046
Protein Refseq	NP_054765
MIM	611982
UniProt ID	Q9Y676

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