Recombinant Mouse Mrps34 Protein, Myc/DDK-tagged

Cat. No. Mrps34-4174M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length mitochondrial ribosomal protein S34 (Mrps34), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for mitochondrial translation, plays a role in maintaining the stability of the small ribosomal subunit and the 12S rRNA that are required for mitoribosome formation.
Molecular Mass	25.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Mrps34 mitochondrial ribosomal protein S34 [Mus musculus (house mouse)]
Official Symbol	Mrps34
Synonyms	MRPS34; mitochondrial ribosomal protein S34; 28S ribosomal protein S34, mitochondrial; S34mt; MRP-S34; T-complex expressed gene 2 protein; Tce2; AV001970; 0610007F04Rik; 5330430D13Rik
Gene ID	79044
mRNA Refseq	NM_023260
Protein Refseq	NP_075749
UniProt ID	Q9JIK9

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