

Recombinant Human MRPL58 Protein, MYC/DDK-tagged

Cat. No. MRPL58-1945H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MRPL58 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a peptidyl-tRNA hydrolase and a vital component of the large mitochondrial ribosome. The encoded protein serves as a ribosome release factor for this ribosome, which translates mitochondrial genes. This protein may be responsible for degrading prematurely-terminated polypeptides and for reusing stalled ribosomes. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2014].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	23.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	MRPL58 mitochondrial ribosomal protein L58 [Homo sapiens]
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Official Symbol	MRPL58
Synonyms	DS-1; DS1; ICT1; MRP-L58
Gene ID	3396
mRNA Refseq	NM_001545.2
Protein Refseq	NP_001536

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