

Recombinant Human MRRF Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MRRF-3746H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

MRRF MS Standard C13 and N15-labeled recombinant protein (NP_620132) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes a ribosome recycling factor, which is a component of the mitochondrial translational machinery. The encoded protein, along with mitochondrial elongation factor 2, functions in ribosomal recycling at the termination of mitochondrial translation by mediating the disassembly of ribosomes from messenger RNA. A pseudogene of this gene has been identified on chromosome X.

Molecular Mass

29.3 kDa

AA Sequence

MALGLKCFRMVHPTFRNYLAASIRPVSEVTLKTVHERQHGHRRQYMAYSAVPVRHFA
 TKKAKAKGKGQSQTRVNINAALVEDIINLEEVNEEMKSVIEALKDNFNKTLNIRTSPGS
 LDKIAVVTADGKLALNQISQISMKSPQLILVNMAFPECTAAAIKAIRESGMNLNPEVE
 GTLIRVPIQVTRHREMLVKLAKQNTNKAKDSLTKVVRTNSMNKLLKSKDVTSEDTI
 RLIEKQISQMADDTVAELDRHLAVKTKELLGTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	MRRF mitochondrial ribosome recycling factor [Homo sapiens (human)]
Official Symbol	MRRF
Synonyms	MRRF; mitochondrial ribosome recycling factor; ribosome-recycling factor, mitochondrial; RRF; ribosome-releasing factor, mitochondrial; MRFF; MTRRF;
Gene ID	92399
mRNA Refseq	NM_138777
Protein Refseq	NP_620132
MIM	604602
UniProt ID	Q96E11

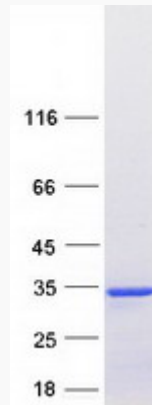
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SDS-PAGE



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