

Recombinant Full Length Human MRRF Protein, GST-tagged

Cat. No. MRRF-6512HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human MRRF full-length ORF (AAH13049, 1 a.a. - 262 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	262 amino acids
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. [provided by RefSeq, Oct 2016]
Molecular Mass	54.34 kDa
AA Sequence	MALGLKCFRMVHPTFRNYLAASIRPVSEVTLKTVHERQHGHQRQYMAYSAVPVRHFA TKKAKAKGKGQSQTRVNINAALVEDIINLEEVNEEMKSVIEALKDNFNKTLNIRTSPGS LDKIAVVTADGKLALNQISQISMKSPQLILVNMA SFPECTAAAIKAIRESGMNLNPEVE GTLIRVPIQV TREHREMLV KLAKQNTNKAKDSL R KVRTNSM NK LK KSKDTVSEDTI RLIEKQISQMADDTVAELDRHLAVKTKELLG
Applications	Enzyme-linked Immunoabsorbent Assay

 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

Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MRRF mitochondrial ribosome recycling factor [Homo sapiens]
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_001173512
Protein Refseq	NP_001166983
MIM	604602
UniProt ID	Q96E11

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