

Recombinant Full Length Human MTRF1 Protein, GST-tagged

Cat. No. MTRF1-6559HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MTRF1 full-length ORF (ENSP00000239852, 1 a.a. - 151 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	151 amino acids
Description	The protein encoded by this gene was determined by in silico methods to be a mitochondrial protein with similarity to the peptide chain release factors (RFs) discovered in bacteria and yeast. The peptide chain release factors direct the termination of translation in response to the peptide chain termination codons. Initially thought to have a role in the termination of mitochondria protein synthesis, a recent publication found no mitochondrial translation release functionality. Multiple alternatively spliced transcript variants have been suggested by mRNA and EST data; however, their full-length natures are not clear. [provided by RefSeq]
Molecular Mass	44.6 kDa
AA Sequence	MNRHLCVWLFRHPSLNGYLQCHIQLHSHQFRQIHLDTLQVFRQNRNCILHLLSKN WSRRYCHQDTKMLWKHKALQKYMENLSKEYQTLEQCLQHIPVNEENRRSLNRRHA ELAPLAAIYQEIQETEQAIEELESCKKTESCSVAQAGMQ
Applications	Enzyme-linked Immunoabsorbent Assay

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	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	MTRF1 mitochondrial translational release factor 1 [Homo sapiens]
Official Symbol	MTRF1
Synonyms	MTRF1; mitochondrial translational release factor 1; peptide chain release factor 1, mitochondrial; MGC47721; mitochondrial peptide chain release factor 1; MTTRF1; RF1; MRF-1; mtRF-1; MRF1;
Gene ID	9617
mRNA Refseq	NM_004294
Protein Refseq	NP_004285
MIM	604601
UniProt ID	O75570