

Recombinant Full Length Human MTERF Protein, GST-tagged

Cat. No. MTERF-6488HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MTERF full-length ORF (AAH00965, 1 a.a. - 399 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	399 amino acids
Description	This gene encodes a mitochondrial transcription termination factor. This protein participates in attenuating transcription from the mitochondrial genome; this attenuation allows higher levels of expression of 16S ribosomal RNA relative to the tRNA gene downstream. The product of this gene has three leucine zipper motifs bracketed by two basic domains that are all required for DNA binding. There is evidence that, for this protein, the zippers participate in intramolecular interactions that establish the three-dimensional structure required for DNA binding. [provided by RefSeq]
Molecular Mass	69.63 kDa
AA Sequence	MQLSLSLGQTSISKGLNYLTIMAPGNLWHMRNNFLFGSRCWMTRFSAENIFKSVSFR LFGVKCHNTDSEPLKNEDLLKNLLTMGVDIDMARKRQPGVFHRMITNEQDLKMFLLS KGASKEVIASIIISRYPRAITRTPENLSKRWDLWRKIVTSDLEIVNILERSPEFFRSNNN LNLENNIKFLYSVGLTRKCLCRLLTNAPRTFSNSLDLNKQMVEFLQAAGLSLGHNDP TDFVRKIIFKNPFILIQSTKRVKANIEFLRSTFNLNSEELLVLICGPGAELDLSNDYARR

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SYANIKEKLFSLGCTEEEVQKFVLSYPDVIFLAEKKFNDEIDCLMEENISISQIIENPRV
LDSSISTLKSRIKELVNAGCNLSTLNITLLSWSKKRYEAKLKKLSRFA

Applications	Enzyme-linked Immunoabsorbent Assay 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	MTERF mitochondrial transcription termination factor [Homo sapiens]
Official Symbol	MTERF
Synonyms	MTERF; mitochondrial transcription termination factor; transcription termination factor, mitochondrial; mitochondrial transcription termination factor 1; MGC131634;
Gene ID	7978
mRNA Refseq	NM_006980
Protein Refseq	NP_008911
MIM	602318



UniProt ID

Q99551

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