

Recombinant Human MTERF1 Protein (Met1-Lys191), N-His tagged

Cat. No. MTERF1-3751H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human MTERF1 (Met1-Lys191) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys191
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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	24.46 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.

 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

Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02% NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

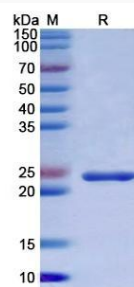
GENE INFORMATION

Gene Name	MTERF1 mitochondrial transcription termination factor 1 [Homo sapiens (human)]
Official Symbol	MTERF1
Synonyms	MTERF1; mitochondrial transcription termination factor 1; MTERF; transcription termination factor 1, mitochondrial; transcription termination factor, mitochondrial
Gene ID	7978
mRNA Refseq	NM_006980
Protein Refseq	NP_008911
MIM	602318
UniProt ID	Q99551

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SDS-PAGE

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