Recombinant Full Length Human MTFR1 Protein, GST-tagged

Cat. No. MTFR1-6502HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MTFR1 full-length ORF (AAH43498.1, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	333 amino acids
Description	This gene encodes a mitochondrial protein that is characterized by a poly-proline rich region. A chicken homolog of this protein promotes mitochondrial fission and the mouse homolog protects cells from oxidative stress. A related pseudogene of this gene is found on chromosome X. [provided by RefSeq
Molecular Mass	63.03 kDa
AA Sequence	MLGWIKRLIRMVFQQVGVSMQSVLWSRKPYGSSRSIVRKIGTNLSLIQCPRVQFQIN SHATEWSPSHPGEDAVASFADVGWVAKEEGECSARLRTEVRSRPPLQDDLLFFEK APSRQISLPDLSQEEPQLKTPALANEEALQKICALENELAALRAQIAKIVTQQEQQNLT AGDLDSTTFGTIPPHPPPPPPLPPPALGLHQSTSAVDLIKERREKRANAGKTLVKN NPKKPEMPNMLEILKEMNSVKLRSVKRSEQDVKPKPVDATDPAALIAEALKKKFAYR YRSDSQDEVEKGIPKSESEATSERVLFGPHMLKPTGKMKALIENVSDS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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

	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	MTFR1 mitochondrial fission regulator 1 [Homo sapiens]
Official Symbol	MTFR1
Synonyms	MTFR1; mitochondrial fission regulator 1; CHPPR; FAM54A2; KIAA0009; likely ortholog of chicken chondrocyte protein with a poly proline region; chondrocyte protein with a poly-proline region;
Gene ID	9650
mRNA Refseq	NM_001145838
Protein Refseq	NP_001139310
MIM	619414
UniProt ID	Q15390

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