

# Recombinant Full Length Human MTFR1 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human MTFR1 full-length ORF (AAH43498.1, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	333 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	63.03 kDa
<b>AA Sequence</b>	MLGWIKRLIRMVFQQVGVSMQSVLWSRKPYGSSRSIVRKIGTNLISLIQCPRVQFQIN SHATEWSPSHPGEDAVASFADVGVWAKEEGECSARLRTEVRSRPPPLQDDLLFFFEK APSRQISLPDLSQEELKTPALANEEALQKICALENELAALRAQIAKIVTQQEQNLT AGDLSTTFGTIPPHPPPPPPPLPPPALGLHQSTSAVDLKERREKRANAGKTLVKN NPKKPEMPNMLEILKEMNSVKLRSEQDVKPKPVDATDPAALIAEALKKKFAYR YRSDSQDEVEKGIPKSESEATSERVLFPHMLKPTGKMKALIENVSDS
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	MTFR1 mitochondrial fission regulator 1 [ Homo sapiens ]
<b>Official Symbol</b>	MTFR1
<b>Synonyms</b>	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;
<b>Gene ID</b>	9650
<b>mRNA Refseq</b>	NM_001145838
<b>Protein Refseq</b>	NP_001139310
<b>MIM</b>	619414
<b>UniProt ID</b>	Q15390

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