

Full-Length

MTFR1 (Human) Recombinant Protein (P01)

Catalog # H00009650-P01

Size 50 ug

Specification

Product Description	Human MTFR1 full-length ORF (AAH43498.1, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLGWIKRLIRMVFQQVGVSMQSVLWSRKPYGSSRSIVRKIGTNLSLIQCPRVQFQINSHATEWSPS HPGEDAVASFADVGVWAKEEGECSARLRTEVRSRPPLQDDLLFFEKAPSRQISLPDLSQEEPQ LKTPALANEEALQKICALENELAALRAQIAKVTQQEQQNLTAGDLDDSTTFGTIPPHPPPPPPPLPP PALGLHQSTSAVDLIKERREKRANAGKTLVKNNPKKPEMPNMLEILKEMNSVKLRSVKRSEQDV KPKPVDATDPAALIAEALKKKFAYRYSDSQDEVEKGIPKSESEATSERVLFGPHMLKPTGKMKA LIENVSDS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	63.03
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MTFR1

Entrez GeneID	9650
GeneBank Accession#	BC043498.2
Protein Accession#	AAH43498.1
Gene Name	MTFR1
Gene Alias	CHPPR, FAM54A2, KIAA0009
Gene Description	mitochondrial fission regulator 1
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	chondrocyte protein with a poly-proline region likely ortholog of chicken chondrocyte protein with a poly proline region