

Recombinant Human MTFR1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MTFR1-4108H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MTFR1 MS Standard C13 and N15-labeled recombinant protein (NP_001139310) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	33 kDa
AA Sequence	MLGWIKRLIRMVFQQVGVSMQSI NSHATEWSPSHPGEDAVASFADV GWVAKKEEGE CSARLRTEVRSRPPLQDDLLFFEKAPSRQISLPDLSQE EPQLKTPALANEEALQKICA LENELAALRAQIAKIVTQQEQQNLTAGDLDSTTFGTIPPHPPPPPPPLPPPALGLHQ S TSAVDLIKERREKRANAGKTLVKNNPKKPEMPNMLEILKEMNSVKLSVKRSEQDV K PKPVDATDPAALIAEALKKKFAYRYS DSQDEVEKGIPKSESEATSERVLFGPHMLK PTGKMKALIENVSDSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MTFR1 mitochondrial fission regulator 1 [Homo sapiens (human)]

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

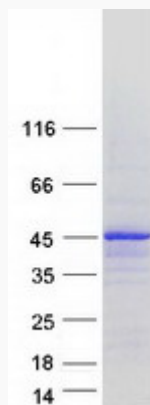
Protein Refseq NP_001139310

UniProt ID Q15390

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SDS-PAGE

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