

Recombinant Human TUFM cell lysate

Cat. No. TUFM-1864HCL Lot. No. (See product label)

SPECIFICATION

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|-----------------------|---|
| Species | Human |
| Description | This gene encodes a protein which participates in protein translation in mitochondria. Mutations in this gene have been associated with combined oxidative phosphorylation deficiency resulting in lactic acidosis and fatal encephalopathy. A pseudogene has been identified on chromosome 17. |
| Size | 100 ul |
| Storage Buffer | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| Applications | Western Blot; |

GENE INFORMATION

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|------------------------|---|
| Gene Name | TUFM Tu translation elongation factor, mitochondrial [Homo sapiens] |
| Official Symbol | TUFM |
| Synonyms | TUFM; Tu translation elongation factor, mitochondrial; elongation factor Tu, mitochondrial; EF TuMT; EFTu; EFTU; EF-Tu; P43; COXPD4; EF-TuMT; |
| Gene ID | 7284 |

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|----------------------------|---|
| mRNA Refseq | NM_003321 |
| Protein Refseq | NP_003312 |
| MIM | 602389 |
| UniProt ID | P49411 |
| Chromosome Location | 16p11.2 |
| Function | GTP binding; GTPase activity; nucleotide binding; translation elongation factor activity; |

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