

Recombinant Human TUFM protein, His-tagged

Cat. No. TUFM-3636H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUFM protein(P49411)(44-452aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	44-452aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	49 kDa
AA Sequence	MREIVHLQAGQCGNQIGAKFWEVISDEHGIDPTGTYHGDSDLQLERINVYYNEATGG NYVPRAVLVDLEPGTMDSVRSGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAEL VDAVL DVVRKEAESCDCLQGFQLTHSLGGGTGSGMGTLLISKIREEFDPDRIMNTFSV VPSPKVS DTVVEPYNATLSVHQLVENTDETYCIDNEALYDICFRTLKLTPTTYGDLNH LVSATMSGVTTCLRFPGQLNADLRKLAVNMVFPFRLHFFMPGFAPLTSRGSQQYRA LTVPELTQQMFDAKNMMAACDPRHGRYLTVA AVFRGRMSMKEVDEQMLSVQSKN SSYFVEWIPNNVKTAVCDIPPRGLKMAATFIGNSTAIQELFKRISEQFTAMFRRKAFL HWYTGEGMDEMEFTEAESNMNDLVSEYQQYQDATAEEGEFEEEEEEVA

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

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
mRNA Refseq	NM_003321
Protein Refseq	NP_003312
MIM	602389
UniProt ID	P49411

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