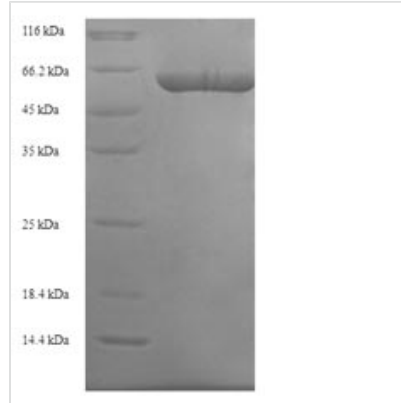




# Recombinant Human Elongation factor Tu, mitochondrial (TUFM)

<b>Product Code</b>	CSB-EP025342HU
<b>Relevance</b>	This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis.
<b>Abbreviation</b>	Recombinant Human TUFM protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P49411
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	AVEAKKTYVRDKPHVNVGTIGHVDHGKTTLTAITKILAEGGGAKFKKYEEIDN APEERARGITINA AHVEYSTAARHYAHTDCPGHADYVKNMITGTAPLDGCILVV AANDGPMPQTRHLLARQIGVEHVVVVYV NKADAVQDSEMVELVEIRELLT EFGYKGEETPVIVGSALCALEGRDPELGLKSVQKLLDAVDTYIPVPARDLEKPF LLPVEAVYSVPGRGTVVTGTLER GILKKGDECELLGH SKNIRT VVTGIEMFHKS LERA EAGDNLGALVRGLKREDLRRGLVMV KPGSIKPHQKVEAQVYILSKEEGG RHKPFVSHFMPVMFSLTWDMACRIILPPEKELAMPGEDLKFNLILRQPMILEKG QRFTLRDGNRTIGTGLVTNTLAMTEEEKNIKWG
<b>Research Area</b>	Metabolism
<b>Source</b>	E.coli
<b>Target Names</b>	TUFM
<b>Protein Names</b>	Recommended name: Elongation factor Tu, mitochondrial Short name= EF-Tu Alternative name(s): P43
<b>Expression Region</b>	47-455aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	61.0kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Shelf Life

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