



# Recombinant Human Elongation factor Tu, mitochondrial (TUFM)

<b>Product Code</b>	CSB-EP025342HU-B
<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>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	AVEAKKT YVRDKPHVNV GTIGHVDHGK TTLTAAITKI LAEGGGAKFK KYEEIDNAPE ERARGITINA AHVEYSTAAR HYAHTDCPGH ADYVKNMITG TAPLDGCILV VAANDGPMPQ TREHLLLARQ IGVEHVVVVYV NKADAVQDSE MVELVELEIR ELLTEFGYKG EETPVIVGSA LCALEGRDPE LGLKSVQKLL DAVDTYIPVP ARDLEKPFLL PVEAVYSVPG RGTVVTGTLE RGILKKGDEC ELLGHSKNIR TVVTGIEMFH KSLERAEAGD NLGALVRGLK REDLRRGLVM VKPGSIKPHQ KVEAQVYILS KEEGGRHKPF VSHFMPVMFS LTWDMACRII LPPEKELAMP GEDLKFNLIL RQPMILEKGQ RFTLRDGNRT IGTGLVTNTL AMTEEEKNIK WG
<b>Source</b>	E.coli
<b>Target Names</b>	Name: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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.
<b>Shelf Life</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.