



Recombinant Human Elongation factor Tu, mitochondrial (TUFM)

Product Code	CSB-MP025342HU
Storage	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.
Uniprot No.	P49411
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	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
Source	Mammalian cell
Target Names	Name:TUFM
Protein Names	Recommended name: Elongation factor Tu, mitochondrial Short name= EF-Tu Alternative name(s): P43
Expression Region	47-455aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	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.
Shelf Life	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



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