



Recombinant Human Translation factor GUF1, mitochondrial (GUF1)

Product Code	CSB-EP822701HU
Abbreviation	GUF1
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.	Q8N442
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	S SAEFKEKLDM SRFPVENIRN FSIVAHVDHG KSTLADRLL E LTGTIDKTKN NKQVLDKLQV ERERGITVKA QTASLFYNCE GKQYLLNLID TPGHVDFS YE VSRSLSACQG VLLVVDANEG IQAQTVANFF LAFEAQLSVI PVINKIDLKN ADPERVENQI EKVFDIPSDE CIKISAKLGT NVESVLQAI ERIPPPKVHR KNPLRALVFD STFDQYRGVI ANVALFDGVV SKGDKIVSAH TQKTYEVNEV GVLNPNEQPT HKLYAGQVG Y LIAGMKDVTE AQIGDTLCLH KQPVEPLPGF KSAKPMVFAG MYPLDQSEYN NLKSAIEKLT LNDSSVTVHR DSSLALGAGW RLGFLGLLHM EVFNQRLEQE YNASVILTP TVPYKAVLSS SKLIKEHREK EITIINPAQF PDKSKVTEYL EPVVLGTIIT PDEYTGKIMM LCEARRAVQK NMIFIDQNRV MLKYLFPLNE IVVDFYDSLK SLSSGYASFD YEDAGYQTAE LVKMDILLNG NTVEELVTVV HKDKAHSIGK AICERLKDSL PRQLFEIAIQ AAIGSKIIAR ETVKAYRKNV LAKCYGGDIT RKMKLLKRQA EGKKKLRKIG NVEVPKDAFI KVLKTQSSK
Source	E.coli
Target Names	GUF1
Protein Names	Recommended name: Translation factor GUF1, mitochondrial EC= 3.6.5.- Alternative name(s): Elongation factor 4 homolog Short name= EF-4 GTPase GUF1 Ribosomal back-translocase
Expression Region	50-669
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

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