



Recombinant Human Translation initiation factor IF-3, mitochondrial (MTIF3)

Product Code	CSB-EP862000HU-B
Abbreviation	MTIF3
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.	Q9H2K0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	TAPAQLSPI ASAPRLSFLI HAKAFSTAED TQNEGKTKK NKTAFSNVGR KISQRVIHLF DEKGNLDLGNM HRANVIRLMD ERDLRLVQRN TSTEPAEYQL MTGLQILQER QRLREMEKAN PKTGPTLRKE LILSSNIGQH DLDTKTKQIQ QWIKKKHLVQ ITIKKGKNVD VSEMEMEEIF HQILQTMPGI ATFSSRPQAV QGGKALMCVL RAFSKNEEKA YKETQETQER DTLNKDHGND KESNVLHQ
Source	E.coli
Target Names	MTIF3
Protein Names	Recommended name: Translation initiation factor IF-3, mitochondrial Short name= IF-3(Mt) Short name= IF-3Mt Short name= IF3(mt) Short name= IF3mt
Expression Region	32-278
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
Target Details	This gene encodes a translation initiation factor that is involved in mitochondrial protein synthesis. Polymorphism in this gene is associated with the onset of Parkinson s disease. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 5.
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



of lyophilized form is 12 months at -20°C/-80°C.