



Recombinant Human ATP synthase F(1) complex subunit alpha, mitochondrial (ATP5F1A)

Product Code	CSB-EP002344HU-B
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.	P25705
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QKTGTAE MSSILEERIL GADTSVDLEE TGRVLSIGDG IARVHGLRNV QAEEMVEFSS GLKGMSLNLE PDNVGVVVFV NDKLIKEGDI VKRTGAIVDV PVGEEELLGRV VDALGNAIDG KGPIGSKTRR RVGLKAPGII PRISVREPMQ TGIKAVDSLIV PIGRGQRELI IGDRQTGKTS IAIDTIINQK RFNDGSDEKK KLYCIYVAIG QKRSTVAQLV KRLTDADAMK YTIVVSATAS DAAPLQYLAP YSGCSMGEYF RDNGKHALII YDDLKQAVA YRQMSLLLR PPGREAYPGD VFYLHSRLLLE RAAKMNDAFG GGSALTALPVI ETQAGDVSAY IPTNVISITD GQIFLETFLF YKIRPAINV GLSVSRVGS AQTAMKQVA GTMKLELAQY REVAFAAQFG SLDAAATQQL LSRGVRLTEL LKQGQYSPMA IEEQVAVIYA GVRGYLDKLE PSKITKFENA FLSHVVSQHQ ALLGTIRADG KISEQSDAKL KEIVTNFLAG FEA
Source	E.coli
Target Names	Name:ATP5A1Synonyms:ATP5A, ATP5AL2, ATPM ATP5F1A
Protein Names	Recommended name: ATP synthase subunit alpha, mitochondrial
Expression Region	44-553
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



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