



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

<b>Product Code</b>	CSB-MP002344HU
<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>	P25705
<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% (SDS-PAGE)
<b>Sequence</b>	QKTGTAE MSSILEERIL GADTSVDLEE TGRVLSIGDG IARVHGLRNV QAEEMVEFSS GLKGMSLNLE PDNVGVVVFV NDKLIKEGDI VKRTGAIVDV PVGEEELLGRV VDALGNAIDG KGPIGSKTRR RVGLKAPGII PRISVREPMQ TGIIKAVDSLIV PIGRGQRELI IGDRQTGKTS IAIDIINQK RFNDGSDEKK KLYCIYVAIG QKRSTVAQLV KRLTDADAMK YTIVVSATAS DAAPLQYLAP YSGCSMGEYF RDNGKHALII YDDLKQAVA YRQMSLLLR PPGREAYPGD VFYLHSRLLLE RAAKMNDAFG GGSALTALPVI ETQAGDVSAY IPTNVISITD GQIFLETSELF YKGIRPAINV GLSVSRVGSAAQTRAMKQVA GTMKLELAQY REVAFAAQFG SDLDAATQQL LSRGVRLTEL LKQGQYSPMA IEEQVAVIYA GVRGYLDKLE PSKITKFENA FLSHVVSQHQ ALLGTIRADG KISEQSDAKL KEIVTNFLAG FEA
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Name:ATP5A1Synonyms:ATP5A, ATP5AL2, ATPM ATP5F1A
<b>Protein Names</b>	Recommended name: ATP synthase subunit alpha, mitochondrial
<b>Expression Region</b>	44-553
<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.