



Recombinant Mycobacterium gilvum ATP synthase subunit beta (atpD)

Product Code	CSB-BP002350MOK
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A4T8K2
Product Type	Recombinant Protein
Immunogen Species	Mycobacterium gilvum (strain PYR-GCK) (Mycobacterium flavescens (strain ATCC 700033 / PYR-GCK))
Purity	≥85% (SDS-PAGE)
Sequence	MTSTEEKTTS GRVVITGPV VDVEFPRGSV PELFNALHAD ITYKELSKTL TLEVAQHLGD NLVRTISMQP TDGLVRGVEV TDTGNSISVP VGDGVKGHVF NALGDCLDEP GYGKDFEHWS IHRKPPPFSE LEPRTMLET GLKVVDLLTP YVRGGKIALF GGAGVGKTVL IQEMINRIAR NFGGTSVFAG VGERREGND LWVELEDANV LKDTALVFGQ MDEPPGTRMR VALSALTMAE FFRDEQQQDV LLFIDNIFRF TQAGSEVSTL LGRMPSAVGY QPTLADEMGE LQERITSTRG RSITSMQAVY VPADDYTDPA PATTF AHLDA TTELSRTVFS KGIFPAVDPL ASSSTILDPA VVGDEHYRVA QEVIRILQRY KDLQDIIAIL GIDELAEEDK QLVQRARRLE RFLSQNMMAA EQFTGQPGST VPLKETIEAF DKLTKGEFDH LPEQAFFLIG GLDDLAKKAE SLGAKL
Source	Baculovirus
Target Names	atpD
Protein Names	Recommended name: ATP synthase subunit beta EC= 3.6.3.14 Alternative name(s): ATP synthase F1 sector subunit beta F-ATPase subunit beta
Expression Region	1-476
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 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.