



# Recombinant ATP synthase subunit beta (atpD)

<b>Product Code</b>	CSB-BP733372SMZ
<b>Abbreviation</b>	atpD
<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>	Q5XCY0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSSGKIAQVV GPVVDVMFAS GDKLPEINNA LIVYKSDSKK QKIVLEVALE LGDGMVRTIA MESTDGLTRG LEVLDTGRAI SVPVGKETLG RVFNVLGETI DLEEPFAEDV DRQPIHKKAP SFDELSTSSE ILETGIKVID LLAPYLKGGK VGLFGGAGVG KTVLIQELIH NIAQEHGGIS VFTGVGERTR EGNLDYWEMK ESGVIEKTAM VFGQMNEPPG ARMRVALTGL TIAEYFRDVE GQDVLLFIDN IFRFTQAGSE VSALLGRMPS AVGYQPTLAT EMGQLQERIT STQKGSVTSI QAIYVPADDY TDPAPATAFA HLDSTTNLER KLTQMGIYPA VDPLASSSRA LSPEIVGEEH YAVATEVQRV LQRYRELQDI IAILGMDELS DEEKTIVGRA RRIQFFLSQN FNVAEQFTGL PGSYVPVAET VRGFKEILEG KYDHLPEDAF RSVGPIEDVI KKA EKMGF
<b>Source</b>	Baculovirus
<b>Target Names</b>	atpD
<b>Protein Names</b>	Recommended name: ATP synthase subunit beta EC= 3.6.3.14 Alternative name(s): ATP synthase F1 sector subunit beta F-ATPase subunit beta
<b>Expression Region</b>	1-468
<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 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.