



Recombinant *Serratia proteamaculans* ATP synthase subunit beta (atpD)

Product Code	CSB-MP002350STJ
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A8G7M8
Product Type	Recombinant Protein
Immunogen Species	<i>Serratia proteamaculans</i> (strain 568)
Purity	≥85% (SDS-PAGE)
Sequence	MATGKIIQVI GAVVDVEFPQ DAVPKVYNAL EVENGANKLV LEVQQQLGGG VVRCIAMGTS DGLRRGLKVT DLDHPIEVPV GKATLGRIMN VLGEPIDMKG DIGEEERWAI HRPAPSYEDL ANSQDLLETG IKVMDLICPF AKGGKVGFLG GAGVGKTVNM MELIRNIAIE HSGYSVFAGV GERTREGNDF YHEMNSNVL DKVSLVYGQM NEPPGNRLRV ALTGLTMAEK FRDEGRDVLL FVDNIYRYTL AGTEVSALLG RMPSAVGYQP TLAEEMGVLQ ERITSTKTGS ITSVQAVYVP ADDLTDPSA TTF AHLDATV VLSRNIASLG IYPAVDPLDS TSRQLDPLVV GQEHYDVARG VQSILQRYQE LKDIIAILGM DELSEEDKLV VSRARKIQR LSQPPFVAEV FTGSPGKFVS LKDTIRGFKG IMDGDYDHLPEQAFYMGVTI EEAVEKAKKL
Source	Mammalian cell
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	1-460
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.