Recombinant Fervidobacterium nodosum ATP synthase subunit beta (atpD)

Product Code	CSB-EP002350FDS-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A7HJV7
Product Type	Recombinant Protein
Immunogen Species	Fervidobacterium nodosum (strain ATCC 35602 / DSM 5306 / Rt17-B1)
Purity	>85% (SDS-PAGE)
Sequence	MSKKSIGKIV RIIGPVVDVK FSEGELPDIY DALVVNNPQT GKKLILEVEQ LIGDNTVRTV AMDSTDGLIR GMEVENTGEP IKAPVGRGIL GRMINVIGEP IDENGELKDV EYWPIHRPAP SMAEQKTEIE ILETGLKVID LLAPFPKGGK IGFFGGAGVG KTVLVMEMIR NIAIEHKGFS MFAGVGERTR EGNDLYLEMQ EAGVLNNTVL VFGQMNEPPG ARFRVALTAL TVAEYFRDVE GRDVLLFIDN IFRFVQAGSE VSALLGRMPS AVGYQPTLAT DMGELQERIT STKRGSITSV QAIYVPADDI TDPAPATTFT HLDATIVLSR QLAALGLYPA VDPLDSTSKI LDPNIVGKEH YEVARGVQEV LQRYKDLQDI IAILGMEELS EEDKLIVQRA RKIQRFLTQP THVAERFTGM PGVYVPIKET IRGFKEILEG RYDDLPEAAF YMVGTIDEAV EKAKKLTQAV VI
Source	E.coli
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	1-472
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.