



# Recombinant *Herpetosiphon aurantiacus* ATP synthase subunit beta (atpD)

<b>Product Code</b>	CSB-YP002350HSK
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	A9AVV4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Herpetosiphon aurantiacus</i> (strain ATCC 23779 / DSM 785)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MATGKILQIT GVVIDAEFPA DGLPQIYNAL EIPLGEGRSS LICEVQQQLG DSVVRAVAMS TTDGLVRGMD VIDTGAPISV PVGPETLGRV FDVQGRPIDG EGAVGTTKTM PIHRPAPTFE EQSNRAELFE TGIKVIDLIA PFTKGGKTGV FGGAGVGKTV IIQELISNIA KEQSGYSVFA GVGERSREGN DLIHEMKDSK IPGTDQTVFD KTVMVFGQMN EPPGARLRVA LSALTMAEYF REEGRDVLLF VDNIFRFTQA GSEVSALLGR MPSQVGYQPT LGTEMGELQE RITSTKTGSI TSLQAVYVPA DDYTD PAPAT TFAHLDATIS LERSISEKGI YPAVDPLAST SRILDPNIVG EEHYRVATEV QRMLQRYKDL QDIIAILGVE ELSDDDKLTV SRARKLERFF SQPFGVAEVF TNIPGKYVAV GDTVKS FARV LAGEFDHIPE SFFFMKGGID DVVAAYDASK Q
<b>Source</b>	Yeast
<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>	1-471
<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.