



Recombinant Bovine ATP synthase subunit O, mitochondrial (ATP5O)

Product Code	CSB-EP002379BO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P13621
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	≥85% (SDS-PAGE)
Sequence	FAKLVRP PVQIYGIEGR YATALYSAAS KQNKLEQVEK ELLRVGQILK EPKMAASLLN PYVKRSVKVK SLSDMTAKEK FSPLTSNLIN LLAENGLRNLN TPAVISAFST MMSVHRGEVP CTVTTASALD EATLTELKTV LKSFLSKGQV LKLEVKIDPS IMGGMIVRIG EKYVDMSAKT KIQKLSRAMR EIL
Source	E.coli
Target Names	ATP5O
Protein Names	Recommended name: ATP synthase subunit O, mitochondrial Alternative name(s): Oligomycin sensitivity conferral protein Short name= OSCP
Expression Region	24-213
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 of Mature Protein
Target Details	This protein is a component of the F-type ATPase found in the mitochondrial matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel. The encoded protein appears to be part of the connector linking these two components and may be involved in transmission of conformational changes or proton conductance.
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.