



Recombinant Pig ATP synthase subunit O, mitochondrial (ATP5O)

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|--------------------------|---|
| Product Code | CSB-EP639138PI |
| Abbreviation | ATP5O |
| Storage | 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. |
| Uniprot No. | Q2EN81 |
| Product Type | Recombinant Protein |
| Immunogen Species | Sus scrofa (Pig) |
| Purity | >85% (SDS-PAGE) |
| Sequence | FAKLVRP PVQIYGIEGR YATALYSAAS KQNKLEQVEK ELLRVAQILK EPKVAASIMN PYVKRSVKVK SLSDMTAKEK FSPLTSNLIN LLAENGRLLS TPGVISAFST MMSVHRGEVP CSVTTASPLD EATLTELKTV LKSFLSKGQI LKLEVKVDPS IMGGMIVRIG EKYVDMSAKT KIQKLSRAMR EIF |
| 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 |



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