



# Recombinant Pig ATP synthase subunit O, mitochondrial (ATP5O)

<b>Product Code</b>	CSB-YP639138PI
<b>Abbreviation</b>	ATP5O
<b>Storage</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.
<b>Uniprot No.</b>	Q2EN81
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Sus scrofa (Pig)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	FAKLVRP PVQIYGIEGR YATALYSAAS KQNKLEQVEK ELLRVAQILK EPKVAASIMN PYVKRSVKVK SLSDMTAKEK FSPLTSNLIN LLAENGRLLS TPGVISAFST MMSVHRGEVP CSVTTASPLD EATLTEKTV LKSFLSKGQI LKLEVKVDPS IMGGMIVRIG EKYVDMSAKT KIQKLSRAMR EIF
<b>Source</b>	Yeast
<b>Target Names</b>	ATP5O
<b>Protein Names</b>	Recommended name: ATP synthase subunit O, mitochondrial Alternative name(s): Oligomycin sensitivity conferral protein Short name= OSCP
<b>Expression Region</b>	24-213
<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 of Mature Protein
<b>Target Details</b>	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.
<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.