

## ATP Synthase Subunit O, Mitochondrial Human Recombinant

<b>Item Number</b>	rAP-1833
<b>Synonyms</b>	ATP synthase subunit O mitochondrial, Oligomycin sensitivity conferral protein, OSCP, ATP5O, ATPO.
<b>Description</b>	ATP5O Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 211 amino acids (24-213 a.a.) and having a molecular mass of 23.1kDa. The ATP5O is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P48047
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MFAKLV RPPV QVYGIEGRYA TALYSAASKQ NKLEQVEKEL LRVAQILKEP KVAASVLNPY VKRSIKVKSL NDITAKERFS PLTTNLINLL AENGRSNTQ GVVSAFSTMM SVHRGEVPCT VTSASPLEEA TLSELKTVLK SFLSQGQVLK LEAKTDPSIL GGMIVRIGEK YVDMSVKTKI QKLGRAMREI V.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The ATP5O solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 40% glycerol and 0.2M NaCl. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**