

## ATP Synthase Mitochondrial Fo Complex Subunit D Human Recombi-

<b>Item Number</b>	rAP-2808
<b>Synonyms</b>	ATP Synthase H <sup>+</sup> Transporting, Mitochondrial Fo Complex Subunit D, ATP Synthase D Chain Mitochondrial, ATP Synthase H <sup>+</sup> Transporting Mitochondrial F1F0 Subunit D, ATPase Subunit D, My032 Protein, ATPQ.
<b>Description</b>	ATP5H Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 184 amino acids (1-161) and having a molecular mass of 20.9kDa. ATP5H is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O75947
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMAGRKLA LKTIDWVAF A EIIPQNQKAI ASSLKSWNET LTSRLAALPE NPPAIDWAYY KANVAKAGLV DDFEKKFNAL KVPVPEDKYT AQVDAEEKED VKS- CAEWVSL SKARIVEYEK EMEKMKNLIP FDQMTIEDLN EAFPETKLDK KKYPYWPHQP IENL
<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.&nbsp;Store, frozen at -20°C for longer periods of time.&nbsp;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 ATP5H solution contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% 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**