

## ATP Synthase Subunit D, Mitochondrial Human Recombinant

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| <b>Item Number</b>                       | rAP-1838   |
| <b>Synonyms</b>                          | ATP synthase subunit delta mitochondrial, F-ATPase delta subunit, ATP5D.   |
| <b>Description</b>                       | ATP5D produced in E.Coli is a single, non-glycosylated polypeptide chain containing 167 amino acids (23-168 a.a.) and having a molecular mass of 17.3kDa.ATP5D is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| <b>Uniprot Accesion Number</b>           | P30049   |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MAEAAAAPAA ASGPNQMSFT FASPTQVFFN GANVRQVDVP TLTGAF-GILA AHVPTLQVLR PGLVVVHAED GTTSKYFVSS GSIAVNADSS VQLLAEEAVT LDMLDLGAAK ANLEKAQAEI VGTAEATRA EIQUIRIEANE ALVKALE.  |
| <b>Source</b>                            | Escherichia Coli.  |
| <b>Physical Appearance and Stability</b> | Sterile filtered colorless solution. ATP5D Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.   |
| <b>Formulation and Purity</b>            | ATP5D protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol and 0.1M 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**