

Synthase Transporting Mitochondrial Fo Complex B1 Human Recombi-

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| Item Number | rAP-2809 |
| Synonyms | ATP Synthase Proton-Transporting Mitochondrial F(0) Complex Subunit B1, ATP Synthase H ⁺ Transporting, Mitochondrial Fo Complex Subunit B Isoform 1, ATPase Subunit B, ATP Synthase B Chain Mitochondrial, Cell Proliferation-Inducing Protein 47, PIG47. |
| Description | ATP5F1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 197 amino acids (83-256) and having a molecular mass of 22.6 kDa. ATP5F1 is fused to a 23 amino acid His-tag at N-terminus. |
| Uniprot Accession Number | P24539 |
| Amino Acid Sequence | MGSSHHHHH SSGLVPRGSH MGSLILYALS KEIYVISAET FTALSVLGVM VYGIKKYGPF VADFAD-KLNE QKLAQLEEK QASIQHIQNA IDTEKSQQAL VQKRHYLFDV QRNNIAMALE VTYRERLYRV YKEV-KNRLDY HISVQNMMRR KEQEHMINWV EKHVVQSIST QQEKETIAKC IADLKLLAKK AQAQPVM |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered clear 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. |
| Formulation and Purity | The ATP5F1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 80% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | 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**