

# Recombinant Full Length Human Atp Synthase Lipid-Binding Protein, Mitochondrial(Atp5G1) Protein, His-Tagged

Cat. No. RFL27757HF    Lot. No. (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Full Length Human ATP synthase lipid-binding protein, mitochondrial(ATP5G1) Protein (P05496) (62-136aa), fused to N-terminal His tag, was expressed in E. coli. |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Full Length of Mature Protein (62-136)  |
| <b>Form</b>             | Lyophilized powder  |
| <b>AA Sequence</b>      | DIDTAAKFIGAGAATVGVAGSGAGIGTVFGSLIIGYARNPSLKQQLFSYAILGFALSEA<br>M GLFCLMVAFLILFAM  |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.   |
| <b>Applications</b>     | SDS-PAGE  |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.  |

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**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution**

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.

## GENE INFORMATION

**Gene Name**

ATP5G1

**Synonyms**

ATP5MC1; ATP5G1; ATP synthase F(0 complex subunit C1, mitochondrial; ATP synthase lipid-binding protein; ATP synthase membrane subunit c locus 1; ATP synthase proteolipid P1; ATP synthase proton-transporting mitochondrial F(0 complex subunit C1; ATPase pr

**UniProt ID**

[P05496](#)

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