

## Recombinant Human ATP5D protein, His-SUMO-tagged

**Cat. No.** ATP5D-2569H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ATP5D protein(P30049)(23-168aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 23-168aa                                                                                                                                                                                                                              |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 31 kDa                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | AEAAAAPAAASGPNQMSFTFASPTQVFFNGANVRQVDVPTLTGAFGILAAHVPTLQ<br>VLRPGLVVVHAEDGTTSKYFVSSGSIAVNADSSVQLLAEEAVTLDMLDLGAAKANLE<br>KAQAEVLGTADEATRAEIQIRIEANEALVKALE                                                                            |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                        |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution**

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%.

**GENE INFORMATION**
**Gene Name**

ATP5D ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, delta subunit [ Homo sapiens ]

**Official Symbol**

ATP5D

**Synonyms**

ATP5D; ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, delta subunit; ATP synthase subunit delta, mitochondrial; F-ATPase delta subunit; mitochondrial ATP synthase, delta subunit; mitochondrial ATP synthase complex delta-subunit precursor;

**Gene ID**

513

**mRNA Refseq**

NM\_001001975

**Protein Refseq**

NP\_001001975

**MIM**

603150

**UniProt ID**

P30049

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA