

# Recombinant Full Length Human ATP5IF1 Protein, C-Flag-tagged

**Cat. No.** ATP5IF1-2056HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human ATP5IF1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                            |
| <b>Species</b>          | Human                                                                                                                                                                        |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                              |
| <b>Description</b>      | This gene encodes a mitochondrial ATPase inhibitor. Alternative splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified. |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                        |
| <b>Molecular Mass</b>   | 9.5 kDa                                                                                                                                                                      |
| <b>AA Sequence</b>      | MAVTALAARTWLGVWGVRTMQARGFGSDQSENVDRGAGSIREAGGAFGKREQAE<br>EERYFRAQSREQLAAL KKHHEEEIVHHKKEIERLQKEIERHKQKIKMLKHDD TRTRP<br>LEQKLISEEDLAANDILDYKDDDDKV                          |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                 |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. 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

|                      |                                                                                                                  |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>       | Store at -80 centigrade.                                                                                         |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| <b>Full Length</b>   | Full L.                                                                                                          |

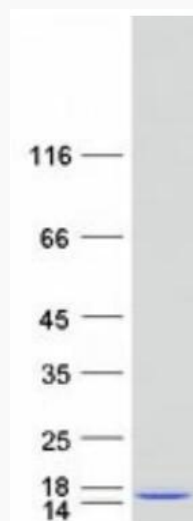
## GENE INFORMATION

|                        |                                                                           |
|------------------------|---------------------------------------------------------------------------|
| <b>Gene Name</b>       | ATP5IF1 ATP synthase inhibitory factor subunit 1 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | ATP5IF1                                                                   |
| <b>Synonyms</b>        | IP; ATP1; ATPIP; ATPIF1                                                   |
| <b>Gene ID</b>         | 93974                                                                     |
| <b>mRNA Refseq</b>     | NM_016311.5                                                               |
| <b>Protein Refseq</b>  | NP_057395.1                                                               |
| <b>MIM</b>             | 614981                                                                    |
| <b>UniProt ID</b>      | Q9UII2                                                                    |

 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



Coomassie blue staining of purified ATP5IF1 protein.

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