

## Product datasheet for **TP301920L**

### ATPase Inhibitory Factor 1 (ATPIF1) (NM\_016311) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human ATPase inhibitory factor 1 (ATPIF1), nuclear gene encoding mitochondrial protein, transcript variant 1, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC201920 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAVTALAARTWLGWGVRTMQARGFGSDQSENVDRGAGSIREAGGAFGKREQAEEERYFRAQSREQLAAL  
KKHHEEEIVHHKKEIERLQKEIERHKQKIKMLKHDD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 9.5 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_057395](#)

**Locus ID:** 93974

**UniProt ID:** [Q9UII2](#)

**RefSeq Size:** 560



[View online »](#)

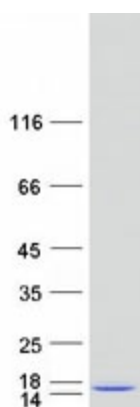
Cytogenetics: 1p35.3

RefSeq ORF: 318

Synonyms: ATP1; ATPIF1; ATP1P; IP

Summary: This gene encodes a mitochondrial ATPase inhibitor. Alternative splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified ATP5IF1 protein (Cat# [TP301920]). The protein was produced from HEK293T cells transfected with ATP5IF1 cDNA clone (Cat# [RC201920]) using MegaTran 2.0 (Cat# [TT210002]).