

Recombinant Human ATP5IF1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ATP5IF1-4054H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATPIF1 MS Standard C13 and N15-labeled recombinant protein (NP_057395) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a mitochondrial ATPase inhibitor. Alternative splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified.
Molecular Mass	12.2 kDa
AA Sequence	MAVTALAARTWLGVWGVRTMQARGFGSDQSENVDRGAGSIREAGGAFGKREQAE EERYFRAQSREQLAALKKHHEEEIVHHKKEIERLQKEIERHKQKIKMLKHDDTRTRPL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [ATP5IF1 ATP synthase inhibitory factor subunit 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [ATP5IF1](#)

Synonyms ATP5IF1; ATP synthase inhibitory factor subunit 1; IP; ATPi; ATPiP; ATPiF1; ATPase inhibitor, mitochondrial; ATP synthase F1 subunit epsilon; ATP synthase inhibitor protein; ATPase inhibitor protein; ATPase inhibitory factor 1; IF(1); IF1; inhibitor of F(1)F(o)-ATPase

Gene ID [93974](#)

mRNA Refseq [NM_016311](#)

Protein Refseq [NP_057395](#)

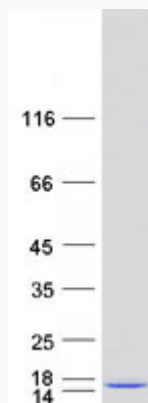
MIM [614981](#)

UniProt ID [Q9UII2](#)

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SDS-PAGE

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