

Recombinant Full Length Methanothermobacter Thermotrophicus V-Type Atp Synthase Subunit I(Atpi) Protein, His-Tagged

Cat. No. RFL28146MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Methanothermobacter thermotrophicus V-type ATP synthase subunit I(atpI) Protein (O27041) (1-658aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Methanothermobacter thermotrophicus
Source	E.coli
ProteinLength	Full Length (1-658)
Form	Lyophilized powder
AA Sequence	MSDMFLPARMRKLKIITLDQYSDSVVRSLSHEEGVTQIDDISERIQQDAEWRQILKPSR ATPYTGRVSSLLMKTSGILDFLGSVAAEEKGLRDTIREFINPPIFEKREVEELDTESLI ERA EETLGRVESETRVMEEKLNELDSERSAVESSLSVAEKLKDFDIDFSDLQDSEYI TGIAGR ITAENLPELRDKLADITDELVIDDREGENKAERILIIVTLKKHADSIAVLRRM EFERFE ISELQGRPSEIISSSKTRLEEISRERKEIISKLRDINAWEDELLVLREQLEIE KERNEV FSLFGETRKTVMLEAWVPLKEADRVIAVVEESSEGALTDLDPDPPEEVP VLLDNPRFAK PYETFVEMYSPLKYNEIDPTIFMAFVFPFFFGFCLTDAGYGIIDALIGFI LYRGLGKVVN FMRNFGIIMMSCGVWAFILGMVTNGFIGDFFPRFFNITLPTVIPAIDA FVNPQNILIMAL TVGVHLINFGILGARNNIRLGNMREALGSQIVWLILELGIILYLVGG MIFGAPLIILAF AMLLYYNGLFGLMDVSGFLGTLLSYARLLALCLSTGGIAMTVNILTG

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	LSYEMIPVIGVVL APIIFVFGHIANNAFQSLGAFINSLRLHYVEFFAQFYMGGKNKFNA FRAERNFTKIRR
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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	atpI
Synonyms	atpI; MTH_960; V-type ATP synthase subunit I; V-ATPase subunit I
UniProt ID	O27041

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