

# Recombinant Full Length Deinococcus Radiodurans V-Type Atp Synthase Subunit I(AtpI) Protein, His-Tagged

Cat. No. RFL3998DF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Deinococcus radiodurans V-type ATP synthase subunit I(atpI) Protein (Q9RWH3) (1-690aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Deinococcus radiodurans
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-690)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>MISPMQQVVI AVRKRES DNVITALQDAGVLHLRPIAEGPLSTGNLAGQDAQERREDE  RLL ARAESTIAELGAYRPAPAPLPAQSEWETVVEGAAQPVSHLAKRRQELQSDLEV  DRTYGDA VRALARMVGTLD RSRRVALVPFLIGATENLGELDGALRESLGDRYTVAS  EVVGANRVGVI ATLSADRDAARAALSKARLGELRLPGRFDTMPLGAAADELGRVRQ  GGDDMQRALNAERDR LAQQHGPALYAVRDALKDRVAVHDVRAVSARGKYSLAMQ  GYVPADRIPALQSTLSRFGDA VSYEVFPVDEHHDQDVPVELKNSGYVTPFQNTVM  GLMSLPKYGSFDPTWVVALFVPLFFG IIMADIGYGLLFLAFGMWLLGKARRNEGWD  LSLFGAYLPPATLRDLGFVTNVMAGWTILW GFLTGEFFGTLFEHLGVFYMNDLLN  RLWGWTGVHWGAHAAEGGHSTGLLPVFPRLDTE NFGNIALVFALCFGILQVLWG  WGIRVQQGLKHNDQAHVWEGLAMFGGVALILLGFISKA GADFGALSNGDWRVL  LMILGFVLFIVGYLRVAKQFLLPVELVSQGGSVVSYARIFAVG LVSAILAKLCTDLG</p>

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WSLSQQIGFLGIILGIVIGALLHFFVLALTLIGHILQPIRLHMVEF LNPTGFNNETSPRY  
APLRRRLSPASDAGQVK

**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; DR\_0695; V-type ATP synthase subunit I; V-ATPase subunit I

**UniProt ID** [Q9RWH3](https://www.uniprot.org/entry/Q9RWH3)

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