

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

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

SPECIFICATION

Product Overview	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.
Species	Deinococcus radiodurans
Source	E.coli
ProteinLength	Full Length (1-690)
Form	Lyophilized powder
AA Sequence	MISPMQQVVIIVRKRESNDVITALQDAGVLHLRPIAEGPLSTGNLAGQDAQERREDE RLL ARAESTIAELGAYRPAPAPLPAQSEWETVVEGAAQPVSHLAKRRQELQSDLEV DRTYGDA VRALARMVGTLDRLSRVALVPFLIGATENLGELDGALRESLGDRYTVAS EVVGANRVGVI ATLSADRDAARAALSKARLGELRLPGRFDTMPLGAAADELGRVRQ GGDDMQRALNAERDR LAQQHGPALYAVRDALKDRVAVHDVRAVSARGKYSLAMQ GYVPADRIPALQSTLSRFGDA VSYEVFPVDEHHDQDVPVELKNSGYVTPFQNTVM GLMSLPKYGSFDPTWVVALFVPLFFG IIMADIGYGLLFLAFGMWLLGKARRNEGWD LSLFGAYLPATLRDLGFVTNVMAGWTILW GFLTGEFFGTLEHLGVFYMNNDLLN RLWGWTGVHWGAHAAEGGHSTGLLPVFPRLDTE NFGNIALVFALCFGILQVLWG WGIRVQQGLKHNDQAHVWEGLAMFGGVGALILLGFISKA GADFGALSNGDWRVL LMILGFVLFIVGYLRVAKQFPLLPVELVSQGGSVVSYARIFAVG LVSAILAKLCTDLG

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	WSLSQQIGFLGIILGIVIGALLHFFVLALTIGHILQPIRLHMVEF LNPTGFNNETSPRY APLRRLSPASDAGQVK
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