Recombinant Thermus aquaticus DPO1 protein, His-tagged

Cat. No. DPO1-100T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Thermus aquaticus DPO1 protein(P19821)(840aa), fused with His Tag, was expressed in E. coli.
Species	Thermus aquaticus
Source	E.coli
ProteinLength	840aa
Molecular Mass	94.9kDa
AA Sequence	MRGMLPLFEP KGRVLLVDGH HLAYRTFHAL KGLTTSRGEP VQAVYGFAKS LLKALKEDGD AVIVVFDAKA PSFRHEAYGG YKAGRAPTPE DFPRQLALIK ELVDLLGLAR LEVPGYEADD VLASLAKKAE KEGYEVRILT ADKDLYQLLS DRIHVLHPEG YLITPAWLWE KYGLRPDQWA DYRALTGDES DNLPGVKGIG EKTARKLLEE WGSLEALLKN LDRLKPAIRE KILAHMDDLK LSWDLAKVRT DLPLEVDFAK RREPDRERLR AFLERLEFGS LLHEFGLLES PKALEEAPWP PPEGAFVGFV LSRKEPMWAD LLALAAARGG RVHRAPEPYK ALRDLKEARG LLAKDLSVLA LREGLGLPPG DDPMLLAYLL DPSNTTPEGV ARRYGGEWTE EAGERAALSE

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	RLFANLWGRL EGEERLLWLY REVERPLSAV LAHMEATGVR LDVAYLRALS LEVAEEIARL EAEVFRLAGH PFNLNSRDQL ERVLFDELGL PAIGKTEKTG KRSTSAAVLE ALREAHPIVE KILQYRELTK LKSTYIDPLP DLIHPRTGRL HTRFNQTATA TGRLSSSDPN LQNIPVRTPL GQRIRRAFIA EEGWLLVALD YSQIELRVLA HLSGDENLIR VFQEGRDIHT ETASWMFGVP REAVDPLMRR AAKTINFGVL YGMSAHRLSQ ELAIPYEEAQ AFIERYFQSF PKVRAWIEKT LEEGRRRGYV ETLFGRRRYV PDLEARVKSV REAAERMAFN MPVQGTAADL MKLAMVKLFP RLEEMGARML LQVHDELVLE APKERAEAVA RLAKEVMEGV YPLAVPLEVE VGIGEDWLSA KEHHHHHH
Endotoxin	< 1EU/μg
Purity	>95%(SDS-PAGE & RP-HPLC)
Storage	If the sample is used within 2-4 weeks, it can be stored at low temperature at 4°C. For long-term storage, it is recommended to add carrier protein (0.1% HSA or BSA) and store at -20~ -80°C. Avoid multiple freeze-thaws.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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