

Recombinant Full Length *Petrotoga Mobilis* Atp-Dependent Zinc Metalloprotease Ftsh 1(Ftsh1) Protein, His-Tagged

Cat. No. RFL1390PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Petrotoga mobilis</i> ATP-dependent zinc metalloprotease Ftsh 1(ftsh1) Protein (A9BFL9) (1-653aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Petrotoga mobilis</i>
Source	<i>E.coli</i>
ProteinLength	Full Length (1-653)
Form	Lyophilized powder
AA Sequence	MPENKNDKENKNDKENKNTKEEKKVKFSNIIWVYIIFAVFFIGALISLNWENNPIISYS EMLSLINDGQVESMKINQNGNVEILSKDGTYESFSPALVIDKQYVNSLIQKGIKVEYV E SVGTKWWFGLLINIPIVVMVLFFFWLYRSASAGARSSMFGKSGAKKYEPIGEKV TFKD VAGIDEVLDEIEDIVKFLKNPQEFQELGARMKPGTLLVGPPGTGKTLTARAIAG EADVPF YYASGSDFVELFVGVGASVRDLFKTAKENAPAIIFIDELDAVGRQRGAGL GGGNDEREQ TLNALLVELDGFDTSTGVVMAATNRPDVLDKALLRPGRFDKKIMV GPPDVKGREEILKI HTRKKKIAPDVLKLLAKRTPGFVGADLENLVNEAALIASRKKK NQVEMSDFEEAIDRVL TGPSKKYRIISDKEKKILSYHELGHAVLAYLLPNTDPVYKITII PRGAGSLGSTLQIPEK DKYLIKSEILDRIVVALGGRASEKLVFNFATTGAKDDLKA TDYAKSMIYRLGMSKRMG PVYWEGEIEEEIFLGSELTKQRNYSSEETAKELDVEVKKII NSMYDKALELLKQNRERDLL ASYIFKNETIYGEEFKKLMSKDLEELKEYIGGEKEIN

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	EFLKIDVVNHVNYQPV
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	ftsH1
Synonyms	ftsH1; Pmob_0453; ATP-dependent zinc metalloprotease FtsH 1
UniProt ID	A9BFL9

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