

Recombinant Full Length Rhodothermus Marinus Atp-Dependent Zinc Metalloprotease Ftsh(Ftsh) Protein, His-Tagged

Cat. No. RFL22258RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rhodothermus marinus ATP-dependent zinc metalloprotease FtsH(ftsH) Protein (D0MGU8) (1-697aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rhodothermus marinus
Source	E.coli
ProteinLength	Full Length (1-697)
Form	Lyophilized powder
AA Sequence	MSQNERDSLELERKNTPPDGPRLPERRPRFSVWIYLAIFLALLVHFFLFWTGTDTSTI EY SQFLEYVEKGYVERVEIVNDTKVQGRFTEAAVREGLVSPVVRQTDLLRGAQTPE LIRRFT TTKPADHDLTSFLLAYNERARAEGRPVQFTARIEENWFGGLLTWIFPLILIV ALWVFL RRMS PSSQVLNIGKNRAILYDAMGDHRVTFKDVAGLDEAKEEVAEIVEFL KNPKKFTRLG GKLPKGVLLVGPPGTGKTLAKAVAGEAGVPFFSISGSDFVEMFVG VGAARVRDLFRQAK EKAPCIIFIDEIDAIGRSRGRGIMMGANDERENTLNQLLVEMD GFNTDKGVIIMAATNRP DVLPALLRPGRFDRQILIDKPDRRERLEIFKVHTRDLILGD DVDLEVLAGQTPGFAGAE IANVCNEAALLAARKGKEAVEMEDFEQAIDRVIAGLEKK NKIISPEEREIVAYHEAGHAI VGWFLRYTDPVVKVSIVPRGLAALGYAQYLPEERYLY TKEALLDRMTMAIGGRVAEELVF GRISTGAQNDLERITRMAYAMVVDYGMSEVRGY

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VSFNLSGQYGEQAFFDKPYSEETARLI DEEVRRRIINEVRERARRILEEKRDKLEALAR
RLLEKEVLGPRDLVEILGPRPYGDYSPN GKDVEELKDLQKGPTSSSAVEAPAPQ
TERPESSAP

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 ftsH

Synonyms ftsH; Rmar_0836; ATP-dependent zinc metalloprotease FtsH

UniProt ID [D0MGU8](#)

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