

Recombinant Full Length Pelodictyon Luteolum Atp-Dependent Zinc Metalloprotease Ftsh(Ftsh) Protein, His-Tagged

Cat. No. RFL10758CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pelodictyon luteolum ATP-dependent zinc metalloprotease FtsH(ftsH) Protein (Q3B6R3) (1-706aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Chlorobium luteolum
Source	E.coli
ProteinLength	Full Length (1-706)
Form	Lyophilized powder
AA Sequence	MAKNSLKPSNPYNSEPETPQPRPKLPMIYYVVVIALIIGLQLAFFWSGSSREIPYSTF RT FITENKVESVRIAPEKIYVTLKPGVD SGLPKQEEGNDTTRKLLPGA KTPENEVTVN PVRD ES LTALLETHGVRYEGSPGTTWIS ELIQWVLPFALLFGLYFFIFRRMGAGGPG AQFMNIG KNKAALYENLDEHTRITFKDVAGLDEAKAEVMEVDFLKDPKKYTRLGG KLPKGVLLVGP PGTGKTLLAKAVAGEADV PFFSISGSDFVEMFVG VGAARVRDLFR QAKEKAPCIIFIDEI DAVGRSRGKGAMMG GNDERENTLNQLLVEMDGFATDKGVILM AATNRPDVLD PALLRPGR FDRQIMVDK PDLKGRMDTFRVHTKNMSLSPDVNLKALA SQTPGFAGAEIANA ANEAALLA SR RNKESIEMKDFEDAI ERVVAGLEKKNKVINPKE KRIVAYHEAGHAIVSWMMPENDPVQ KISIVPRGMSALGYTMNIPLED RYLMTKRELF ARICGLLGGR IAEESVFGEISTGAQNDL EKITGIAYNMVMVYGMSDKIGNLSYYESN

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NPYYGAPGVKKFGGETARLIDEEVKAIVES AADTVRTMLKEHRSKLEALARELLTK
EMLQYCQIEEILGKRPGGQEEDSGEVDCSKKSAE NGMVAHEPETTADAESTEKG
LSATELAELEAAAERLRQSRNVSDN

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; Plut_0078; ATP-dependent zinc metalloprotease FtsH

UniProt ID [Q3B6R3](#)

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