

Recombinant Full Length Syntrophus Aciditrophicus Atp-Dependent Zinc Metalloprotease Ftsh(Ftsh) Protein, His-Tagged

Cat. No. RFL24799SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Syntrophus aciditrophicus ATP-dependent zinc metalloprotease FtSH(ftsh) Protein (Q2LUQ1) (1-736aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Syntrophus aciditrophicus
Source	E.coli
ProteinLength	Full Length (1-736)
Form	Lyophilized powder
AA Sequence	MDSNVDSQRVPDGGQIFFRPVHPGISGKDMESGTS DGQQRKMMEFEISEEADMRLT RQQTQ NRTGFASADTKQGSPEGADRKKMPPGKAWLWFLILIVNFLMVRLIPDAE QPVMVPYTL FKGEVGKGNVKEIFSRGDTITGRFKEEIAYQAAEEKAGDSRKASKAVT TFTTTVPSFVDP GLEAFLISNGVEISAKPIHEERSPWATIVYSFGPGLLFIAFYIWLFR RMAQQGGLGGGIM GIGKSKARRYDQEEGRKVT FDDVAGIDEAENELVEIVDFLKDP PKYTRLGGTAPKGVLLV GAPGTGKTLLAKAVAGEAGVPFFSMSAAEFVEMIVGVGA ARVRDLFKQAREHAPAIIFID ELDAIGRARGQVAIGGASEQEQTNLNQILTEMDGFSSR EGIIVLAATNQPDVLDKALLRPG RFDRRVVVNLPDKVGREAILKVHTRSVPLAKDASL GELAAATPGFSGADLRNLVNEAALM AARRDQDDVRARDFLDALEKIVLGPRLPLLL SHADKERIAYHEGGHAILGLVAHGADRVH RVTIVPRGQALGVITYQRPDSDRYNYTE

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AYLRAKIVGMLGGRAAEEIVYGTRTTGAESDIE QATGLAHRMVTRWGMSERLGLIQ
LAPRENPYLGGPAGYGSARPFSDGTAEIDAEEVIRII AESHEEAKRLLRAYRKQLDVL
AEALVAQETLDEQEILRITGLPPAPALDAGKLPVPDGGD KNAEPSVSLPGVAGPS

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; SYNAS_19360; SYN_03643; ATP-dependent zinc metalloprotease FtsH

UniProt ID [Q2LUQ1](#)

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