

Recombinant Full Length *Pirellula Staley* Atp-Dependent Zinc Metalloprotease Ftsh(Ftsh) Protein, His-Tagged

Cat. No. RFL32284PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Pirellula staley</i> ATP-dependent zinc metalloprotease Ftsh(ftsH) Protein (D2QZ34) (1-700aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Pirellula staley</i>
Source	<i>E.coli</i>
ProteinLength	Full Length (1-700)
Form	Lyophilized powder
AA Sequence	MSSDNGSGRQGGDRGGSTGYNLLMYLGFGAIIATLVALYVLQMFQTSLDYTDLERL VAAS QYEKDESKLTAGSPGYIDVKVEARNTLRRMRVSNLRKVELGPTAVRGQIDL ELKPVGTS GDRWEPDSKTLRQNVEFRTNLSKGSGNRDDIETAIRNSNIPFRHADPP GPWEQHSQLIIG MLLAAMLIYIVVRRLSAAGSPMSFGRSRGKLYAQEELGITFNDVA GIDEAVEEVREVDF LRSPEKYQKLGGRIKGVLLVGPPGTGKTLAKAIAAGEAGVP FFSLSGSDFVEMFVGVA ARVRDMFQQAQAEAKAPCIIFIDELDALGKSRGAGIMGGH DEREQTLNALLVEMDGFSGNSG VIVMAATNRPETLDPALLRPGRFDRHVLVDRPDI KGREDILKVHVKNVKLDPTVDLHKVA AITPGFVGADLANLVNEAALLAARAECTAVG MNEFNQGVVERVTAGLEKKQRMNEDEKLR VAYHESGHALVAYSLPNTDPVHKVSII PRGLAALGYTMQRPEGDRFLMTQSELESRIQVL LAGTIAEEIIFTDISTGAQNDLERA TDIARRMCMEFGMSRLGRVNYRESNRSASFLASGGS GEERVRSVSEQTLREIDQEV

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	RRIIDESIEKVRHILDVRRGALVSLTNRLMEVESVDSDEL KRIIDETSPGPLVVP GTLP ANTMRSTTEPVITAPATERSG
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; Psta_3565; ATP-dependent zinc metalloprotease FtsH
UniProt ID	D2QZ34