

Recombinant Full Length Rhodopirellula Baltica Atp-Dependent Zinc Metalloprotease Ftsh 2(Ftsh2) Protein, His-Tagged

Cat. No. RFL5334RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rhodopirellula baltica ATP-dependent zinc metalloprotease FtsH 2(ftsH2) Protein (Q7URM7) (1-728aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rhodopirellula baltica
Source	E.coli
ProteinLength	Full Length (1-728)
Form	Lyophilized powder
AA Sequence	MSNEPKSKRGGSSSENRRGGGNVWLVLAVTGAVVLSAFLFSDNRRRLAYPHLKELLA MSAE RQEMLEAQRSASESGDAAANVDGESRPESVISRSSSALISGDPANDIPVPKI VVPSSTK EDVWHEFSRLDNIFVADDRITGKVHFKSFVKNHPSEKEPAEEVFTLTIRG YPNDLIAAEL EDLLVQSGVKWDNDRPSRFLENHWPELLMIGVLVALGIVMLKRMGG VGSPMSFSRSRGKL YSEDDLPTTFEDVAGIEEAVDEVREVVDLKNSEKYQSLGGR IPKGVLLVGPPGTGKTLL AKAIAGEAGVPFFSLSGSDFVEMFVGVGGAARVRDMFTQ AVNRAPCIIFIDELDALGKSRS GSVVGGHDEREQTLNALLVEMDGFDSNSGVIVVAA TNRPETLDPALLRPGRFDRHVLVDR PDVAGREEILAVHVKNVKLDETVELKGIASITS GFVGADLANLVNEAALLAARNGKPAVA MEEFNEAVERVTAGLEKKNRVMNEDEKIR VAYHESGHALVAAALPNTDPVHKVSIIPRGL AALGYMMQRPESERFLMTKSELESQ

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MKVMLAGTLAEEMIFQDISTGAQNDLERCTETARS MVMDYGMSRLGRINLRRNTRS
PFLAGSGGGEYQIMHSDMAKMKIDKEVSRIVDDMLVHTR EILEQRRDVLEAVTQRLL
EVEAIDSDELMRLIQENSRGPWLVP GTVTEKPKAKIVPREET ESQQSNRS

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 ftsH2

Synonyms ftsH2; RB5566; ATP-dependent zinc metalloprotease FtsH 2

UniProt ID [Q7URM7](#)

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