

Recombinant Full Length Arabidopsis Thaliana Atp-Dependent Zinc Metalloprotease Ftsh 10, Mitochondrial(Ftsh10) Protein, His-Tagged

Cat. No. RFL34930AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis thaliana ATP-dependent zinc metalloprotease FTSH 10, mitochondrial(FTSH10) Protein (Q8VZI8) (87-813aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
ProteinLength	Full Length of Mature Protein (87-813)
Form	Lyophilized powder
AA Sequence	SSQTPKKKNYENYYPKDSKKAPKNEQKSES RDGSKKNENENAGDAFSNEYQNMLI PLMAI ALILSTFSLGSREQQQISFQEFKNKLEAGLVDHIDVSNKEVAKVYVRSSPKS QTTEEVV QGPGNGVPAKGRGGQYKYFFNIGSVESFEEKLEEAQEAGVNSHDFVP VTYVSETIWYQE LLRFAPTL LLVATLIFGARRMQGGLGGLGGPGGKAGRGIFNIGKA QITRADKNSKNKIYF KDVAGCEEAKQEIMEFVHFLQNPKKYEDLGAKIPKGALLVGP PGTGKTL LAKATAGESAV PFLSISGSDFMEMFVGVGPSRVNLFQEARQCAPSIIFI DEIDAIGRRARGGGFSGGNDE RESTLNQLLVEMDGF GTTAGVVVLAGTNRPDILDK ALLRPGRFDRQITIDKPDIKGRDQI FQIYLKKIKLDHEPSYYSQRLAALTPGFAGADIA NVCNEAALIAARHEGATVTMAHFDSA IDRVIGGLEKKNRVISKLERRTVAYHESGHA VAGWFLEHAEPLKVTIVPRGTAALGFAQ YVPNENLLMTKEQLFDMTCMTLGGRAA

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EQVLIGRISTGAQNDLEKVTKMTYAQVAVYGFS DKIGLLSFPQREDEFSPYSNRTG
 AMIDEEVREWVGKAYKRTVELIEEHKEQVAQIAELL LEKEVLHQDDLTKVLGERPFK
 SGETTNYDRFKSGFEESEKESQKESVPVKPVEDDGIPPL EPQVVPT

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 FTSH10

Synonyms FTSH10; At1g07510; F22G5.10; F22G5_9; ATP-dependent zinc metalloprotease FTSH 10, mitochondrial; AtFTSH10

UniProt ID [Q8VZI8](#)

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