

Recombinant Full Length Oryza Sativa Subsp. Japonica Atp-Dependent Zinc Metalloprotease Ftsh 9, Chloroplastic/Mitochondrial(Ftsh9) Protein, His-Tagged

Cat. No. RFL30073OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica ATP-dependent zinc metalloprotease FTSH 9, chloroplastic/mitochondrial(FTSH9) Protein (A2ZVG7) (48-784aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length of Mature Protein (48-784)
Form	Lyophilized powder
AA Sequence	LASEGPQPAPSPAPDPPPELPAAPEAEVVGTAEEGGGKVEEELEDLVEKGRA WVLA LAAAVVAAARRFFDWVVS GDWMSWWPFWRPDRRLQRLIDDADANPADPA KQSALLHELNK FSPEDVIKRFEQRSHAVDSRGVAEYLRALILTNGIADYLPDEQSGR SASLPALLQELKQR VSGNEDKPFMNP GISEKQPLHVVMVDPKATGRSTRFAQEIFS TVLFTIAVGLMWVMGAAA LQKYIGSLGGIGASGVGSSSSYS PKELNKDIMPEKNVKT FKDVKGCDDAKKELEEVEYL KNPSKFTRLGGKLPKGILLTGSPGTGKTLAKAIAAG EAGVPPFFYRAGSEFEEMFVGVGAR RVRSLFQAAKKKAPCIVFIDEIDAVGSTRKQW EGHTKCTLHQLLVEMDGFEQNEGIIVMA ATNLPDILD PALTRPGRFDRHIVVPNP DV RGRQEILELYLQDKPVSSDVDVNAIARSTPG FNGADLANLVNIAAIIKAAVEGADKLAA AQLEFAKDRIIMGTERKSMFISDESKKACLFKL LYFILRELILTAYHESGHAIVALNTQ

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GAHPIHKATILPRGSALGMVTQLPSQDETSISKK QLLARLDVCMGGRVAEELIFGED
 NVTTGARNDLHTATELAQYMVSNCGMSDAIGPVHVKE RPSVEMQSRIDAEVVKLLR
 EAYGRVKRLLKKHEKQLHALANALLERETLTADEINKVVHP YQEEPQLSFQEEDFAL
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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 FTSH9

Synonyms FTSH9; Os01g0618800; LOC_Os01g43150; B1040D09.10-1; B1040D09.11; OsJ_002539; ATP-dependent zinc metalloprotease FTSH 9, chloroplastic/mitochondrial; OsFTSH9

UniProt ID [A2ZVG7](#)

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