Recombinant Full Length Oryza Sativa Subsp. Japonica Atp-Dependent Zinc Metalloprotease Ftsh 3, Mitochondrial(Ftsh3) Protein, His-Tagged

Cat. No. RFL3464OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica ATP-dependent zinc metalloprotease FTSH 3, mitochondrial(FTSH3) Protein (Q8S2A7) (22-802aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length of Mature Protein (22-802)
Form	Lyophilized powder
AA Sequence	GSLLGGHGGLRASSPPLPCGELGFLRSYVTSVIGNRAAVASGAGKGGDWRFLLASR QFRR LFSDKSKKNHGKHSEEENKGKGDESDKSDSKKQSSSGDQWNFEESIKQFK DMIAPLFLFG LLLLSASASSSEQEISFQEFKNKLLEPGLVDHIVVSNKSIAKVYVRSSP SIDRIQDSDIH ITTSHLPGIESPSSYKYYFNIGSVDSFEEKLQEAQKALEIDPHYYVPIT YTTEAKWFEEV MKYVPTVLIIGLIYLLGKRIQNGFTVGGGPGKGGRSIFSIGKVQVTK LDKNSKNKVFFKD VAGCDEAKQEIMEFVHFLKNPKKYEELGAKIPKGALLVGPPGT GKTLLAKATAGESGVPF LSISGSDFMEMFVGVGPSRVRNLFQEARQCSPSIVFIDEI DAIGRARGRGGFSGGHDERE STLNQLLVEMDGFGTTSGVVVLAGTNRPDILDKALL RPGRFDRQISIDKPDIKGRDQIFR IYLKKLKLDKEPSFYSQRLAALTPGFAGADIANVC NEAALIAARSEGTLITMQHFESAID RVIGGLEKKNKVISKLERRTVAYHESGHAVAGW

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	FLEHAEPLLKVTIVPRGTAALGFAQYV PNDNLLMTKEQLFDMTCMTLGGRAAEEVLI GKISTGAQNDLEKVTKMTYAQVAVYGFSEK VGLLSFPQREDGFEMSKPYSSQTASII DTEVREWVAKAYEKTVELIKQHKDQVAQIAELL LEKEVLHQDDLVQVLGERPFKTLE PTNYDRFKQGFQDEDSNRNAELSNADGASSLGEAVA S
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	FTSH3
Synonyms	FTSH3; Os01g0842600; LOC_Os01g62500; OsJ_003942; P0406G08.15; ATP-dependent zinc metalloprotease FTSH 3, mitochondrial; OsFTSH3
UniProt ID	Q8S2A7

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