

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 <i>Oryza sativa</i> subsp. japonica ATP-dependent zinc metalloprotease FTSH 3, mitochondrial(FTSH3) Protein (Q8S2A7) (22-802aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	Rice
Source	<i>E. coli</i>
Protein Length	Full Length of Mature Protein (22-802)
Form	Lyophilized powder
AA Sequence	GSLLGGHGGGLRASSPPLPCGELGFLRSYVTSVIGNRAAVASGAGKGGDWRFLLASR QFRR LFSDKSKKNHGHKHEEENKGKGDESDKSDSKKQSSSGDQWNFEESIKQFK DMIAPLFLFG LLLLSASASSSEQEISFQEFKNLLEPLVDHIVVSNKSIKVYVRSSP SIDRIQDSDIH ITTSHLPGIESPSSYKYFFNIGSVDSFEEKLQEAQKALEIDPHYYPIT YTTEAKWFEEV MKYVPTVLIIGLIYLLGKRIQNGFTVGGGPGKGGRSIFSIGKVQVTK LDKNSKNKVFFKD VAGCDEAKQEIMEFVHFLKNPKKYEELGAKIPKGALLVGPPGT GKTLLAKATAGESGVPF LSISGSDFMEMFVGVGPSRVNLFQEARQCSPSIVFIDEI DAIGRARGRGGFSGGHDERE STLNQLLVEMDGFGTSGVVVLAGTNRPDILDKALL RPGRFDRQISIDKPDIKGRDQIFR IYLLKKLKDKEPSFYSQLAALTPGFAGADIANVC NEAALIAARSEGLITMQHFESAID RVIGGLEKKNKVISKLERRTVAYHESGHAVAGW

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FLEHAPELLKVTIVPRGTAALGFAQYV PNDNLLMTKEQLFDMTCMTLGGRAAEVLI
GKISTGAQNDLEKVTKMTYAQVAVYGFSEK VGLLSFPQREDGFEMSKPYSSQTASII
DTEVREWVAKAYEKTVELIKQHKDQVAQIAELL LEKEVLHQDDLQVLGERPFKTLE
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 multiple 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 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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