ATP-dependent zinc metalloprotease FTSH 9/mitochondrial (FTSH9), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP12658*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

Species
Oryza sativa subsp. japonica (Rice)

Full Product Name
Recombinant Oryza sativa subsp. japonica ATP-dependent zinc metalloprotease FTSH 9, chloroplastic/mitochondrial (FTSH9)

Product Gene Name
FTSH9 recombinant protein

Purity
Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence
LASEGPQPAP SPAPDPPPPE LPAAPEAEEV VGTAAAEGGG KVEEEELEDL VEKGRAWVLA LAAAVVAAAR RFFDWVVSGD WMSWWPFWRP DRRLQRLIDD ADANPADPAK QSALLHELNK FSPEDVIKRF EQRSHAVDSR GVAEYLRALI LTNGIADYLP DEQSGRSASL PALLQELKQR VSGNEDKPFM NPGISEKQPL HVVMVDPKAT GRSTRFAQEI FSTVLFTIAV GLMWVMGAAA LQKYIGSLGG IGASGVGSSS SYSPKELNKD IMPEKNVKTF KDVKGCDDAK KELEEVVEYL KNPSKFTRLG GKLPKGILLT GSPGTGKTLL AKAIAGEAGV PFFYRAGSEF EEMFVGVGAR RVRSLFQAAK KKAPCIVFID EIDAVGSTRK QWEGHTKKTL HQLLVEMDGF EQNEGIIVMA ATNLPDILDP ALTRPGRFDR HIVVPNPDVR GRQEILELYL QDKPVSSDVD VNAIARSTPG FNGADLANLV NIAAIKAAVE GADKLAAAQL EFAKDRIIMG TERKSMFISD ESKKACLFKL LYFILRELIL TAYHESGHAI VALNTQGAHP IHKATILPRG SALGMVTQLP SQDETSISKK QLLARLDVCM GGRVAEELIF GEDNVTTGAR NDLHTATELA QYMVSNCGMS DAIGPVHVKE RPSVEMQSRI DAEVVKLLRE AYGRVKRLLK KHEKQLHALA NALLERETLT ADEINKVVHP YQEEPQLSFQ EEDFALT

Sequence Positions
48-784aa; full length protein

Format
Liquid containing glycerol

Host
Cell Free Expression

Molecular Weight
85,793 Da

Storage
Store at -20℃, for extended storage, conserve at -20℃ or -80℃.Repeated freezing and thawing is not recommended. Store working aliquots at 4℃ for up to one week.

Protein Family
ATP-dependent zinc metalloprotease

NCBI Accession
A2ZVG7.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

NCBI GI
190359454

NCBI Official Full Name
ATP-dependent zinc metalloprotease FTSH 9, chloroplastic/mitochondrial

UniProt Gene Name
FTSH9

UniProt Synonym Gene Names
OsFTSH9

UniProt Protein Name
ATP-dependent zinc metalloprotease FTSH 9, chloroplastic/mitochondrial

UniProt Entry Name
FTSH9_ORYSJ

UniProt Primary Accession
A2ZVG7

UniProt Secondary Accession
Q0JL71; Q5ZBG5; Q5ZBH2

UniProt Comments
Probable ATP-dependent zinc metallopeptidase.

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