

Cytokinin dehydrogenase 7 (CKX7), Recombinant Protein

Cat *RP11245*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Cytokinin dehydrogenase 7 (CKX7), partial

Product Gene Name

CKX7 recombinant protein

Product Synonym Gene Name

CKX7

Purity

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

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

56,958 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Cytokinin dehydrogenase

NCBI Accession

XP_015624361.1

NCBI GI

1002240205

NCBI GenBank Nucleotide

XM_015768875.1

NCBI GeneID

107275724

NCBI Official Full Name

cytokinin dehydrogenase 7

NCBI Official Symbol

LOC107275724

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Cytokinin dehydrogenase 7 (CKX7), Recombinant Protein



Cat *RP11245*

CKX7; OsCKX7; OsJ_05920; B1131G07.5

NCBI Protein Information

cytokinin dehydrogenase 7

UniProt Gene Name

CKX7

UniProt Synonym Gene Names

OsCKX7

UniProt Protein Name

Cytokinin dehydrogenase 7

UniProt Synonym Protein Names

Cytokinin oxidase 7; OsCKX7

UniProt Primary Accession

Q6YW50

UniProt Secondary Accession

A3A4M6

UniProt Related Accession

Q6YW50

UniProt Comments

Catalyzes the oxidation of cytokinins, a family of N6-substituted adenine derivatives that are plant hormones, where the substituent is an isopentenyl group.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY