

Chloroplastic group IIB intron splicing facilitator CRS2, chloroplastic (Os01g0132800, LOC_Os01g04130), Recombinant Protein

Cat *RP14349*

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

Species *Oryza sativa* subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Chloroplastic group IIB intron splicing facilitator CRS2, chloroplastic (Os01g0132800, LOC_Os01g04130)

Product Gene Name

Os01g0132800 recombinant protein

Product Synonym Gene Name

Os01g0132800; LOC_Os01g04130

Purity

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

Sequence

ASVPDPAARP AEYTPWLIAG LGNPGSKYHG TRHNVGFEMV DRIARDEGIT MNTIQSKSLL GIGSIGEVPV
LLVKPQSYIN YSGEAGPLA AYYQVPLRHI LVMYDEMSP NGVLRRLQRKG GHGRHNLQVN VMECLDSSRE
LPRLSIGIGS PPGKMDTRAF LLQKFSSEER LQIDTALEQG VDAVRTLVK GFSGSIERFN LVQKYKFHSV

Sequence Positions

50-259, Full length protein

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

28,480 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.

NCBI Accession

XP_015618622.1

NCBI GI

1002232829

NCBI GenBank Nucleotide

XM_015763136.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

NCBI GeneID
4325801 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Full Name

chloroplastic group IIB intron splicing facilitator CRS2, chloroplastic

NCBI Official Symbol

LOC4325801

NCBI Protein Information

chloroplastic group IIB intron splicing facilitator CRS2, chloroplastic

UniProt Gene Name

Os01g0132800

UniProt Protein Name

Chloroplastic group IIB intron splicing facilitator CRS2, chloroplastic

UniProt Synonym Protein Names

CRS2-like protein; Chloroplastic RNA splicing factor 2

UniProt Primary Accession

Q5ZCL8

UniProt Secondary Accession

B7EEV8

UniProt Related Accession

Q5ZCL8

UniProt Comments

Required for the splicing of group IIB introns in chloroplasts.

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