Two-component response regulator-like PRR95 (PRR95), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP12529*

Species
Oryza sativa subsp. japonica (Rice)

Full Product Name
Recombinant Oryza sativa subsp. japonica Two-component response regulator-like PRR95 (PRR95), partial

Product Gene Name
PRR95 recombinant protein

Product Synonym Gene Name
PRR95

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
69,616 Da

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

Protein Family
Two-component response regulator

NCBI Accession
XP_015611684.1

NCBI GI
1002296438

NCBI GenBank Nucleotide
XM_015756198.1

NCBI GeneID
4347674

NCBI Official Full Name
two-component response regulator-like PRR95

NCBI Official Symbol
LOC4347674

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Synonym Symbols
PRR95; OsPRR95; OJ1254_E07.28

NCBI Protein Information
two-component response regulator-like PRR95

UniProt Gene Name
PRR95

UniProt Synonym Gene Names
OsPRR95

UniProt Protein Name
Two-component response regulator-like PRR95

UniProt Synonym Protein Names
Pseudo-response regulator 95; OsPRR95

UniProt Primary Accession
Q689G6

UniProt Secondary Accession
Q0J041

UniProt Related Accession
Q689G6

UniProt Comments
Controls photoperiodic flowering response. Seems to be one of the component of the circadian clock. Expression of several members of the ARR-like family is controlled by circadian rhythm. The particular coordinated sequential expression of PRR73, PRR37, PRR95, PRR59 and PPR1 result to circadian waves that may be at the basis of the endogenous circadian clock .

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