

Two-component response regulator-like PRR37 (PRR37), Recombinant Protein

Cat *RP12325*

Species

Oryza sativa subsp. indica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. indica Two-component response regulator-like PRR37 (PRR37), partial

Product Gene Name

PRR37 recombinant protein

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

79,957 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

Two-component response regulator

NCBI Accession

A2YQ93.2

NCBI GI

158513660

NCBI Official Full Name

Two-component response regulator-like PRR37

UniProt Gene Name

PRR37

UniProt Synonym Gene Names

OsPRR37

UniProt Protein Name

Two-component response regulator-like PRR37

UniProt Synonym Protein Names

Pseudo-response regulator 37; OsPRR37

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP12325*

UniProt Primary Accession

A2YQ93

UniProt Secondary Accession

Q689G5; Q689G8; Q6UV11; Q6Z3X9

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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