

Auxin-responsive protein IAA14 (IAA14), Recombinant Protein

Cat RP12405

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 Auxin-responsive protein IAA14 (IAA14)

Product Gene Name

IAA14 recombinant protein

Product Synonym Gene Name

IAA14

Purity

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

Sequence

MAAESIDAEL RLGLPGSGGG DGVAACKRRS ASSTVKSEAS GTACCGGAGA RDVEDGASPA SKVQVVGWPP
VGSYRRSTFQ SSSSSTAAAA KGKGGGETDQ GRKNKGGGLY VKVSMDGAPY LRKVDLRMYG GYREL RDALD
ALFGCFSADA SASAAHFAVA YEDKGD LML AGDVPWDMFI SSCKKL RIMR GSEAR

Sequence Positions

1-195, 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

20,119 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

Auxin-responsive protein

NCBI Accession

Q7Y1H8.1

NCBI GI

75233435

NCBI Official Full Name

Auxin-responsive protein IAA14

UniProt Gene Name

IAA14

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
UniProt Protein Name
Auxin-responsive protein IAA14

UniProt Synonym Protein Names

Indoleacetic acid-induced protein 14

UniProt Primary Accession

Q7Y1H8

UniProt Comments

Aux/IAA proteins are short-lived transcriptional factors that function as repressors of early auxin response genes at low auxin concentrations.

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