

Auxin-responsive protein IAA31 (IAA31), Recombinant Protein

Cat RP12741

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 IAA31 (IAA31)

Product Gene Name

IAA31 recombinant protein

Purity

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

Sequence

MENLKATELR LGLPGTEEEA APPPSTPRAG SKRALAGEPD QAKIKPAAAA KAQVVGWPPV RSYRKSCQLQP
TTTTTKSKPP PAAAAAETQQ KEDVAGAGGL FVKVSMGDGAP YLRKIDLVY KGYRELREAL EAMFLCFSGG
AAADAAVNPS DFAVTYEDKD GDLMLVGDVP FEMFISTCKR LRIMKGSEAR GLGATRG

Sequence Positions

1-197, 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

20,903 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

XP_015618566.1

NCBI GI

1002310408

NCBI GenBank Nucleotide

XM_015763080.1

NCBI GeneID

4352722

NCBI Official Full Name

auxin-responsive protein IAA31

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Symbol
LOC435272

NCBI Official Synonym Symbols

IAA31; OsJ_36766

NCBI Protein Information

auxin-responsive protein IAA31

UniProt Gene Name

IAA31

UniProt Protein Name

Auxin-responsive protein IAA31

UniProt Synonym Protein Names

Indoleacetic acid-induced protein 31

UniProt Primary Accession

P0C133

UniProt Secondary Accession

Q2QMK0; A0A0P0YCE2

UniProt Related Accession

P0C133

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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