

Auxin-responsive protein IAA17 (IAA17), Recombinant Protein

Cat RP12643

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)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 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 IAA17 (IAA17)

Product Gene Name

IAA17 recombinant protein

Product Synonym Gene Name

IAA17

Purity

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

Sequence

MSPPLELDYI GLSPPVPAAA DAAADNDLKG TELRLGLPGS HSPDRSPAA TLDLLPAAKG AKRGFSDEAR
PLPASAAAAA AAGKGKAAA GEEDEDAEEE DKKVAAAPQA PAAKAQVVGW PPIRSYRKNT MATNQLKSSK
EDAEAKQGGQ FLYVKVSMDG APYLRKVDLK TYKNYKDLST ALEKMFIFT TGKDGLSESR KDGEYVLTYE
DKDGDWMLVG DVPWEMFANS CRRLRIMKGS DAIGLAPRAV DKSKNRN

Sequence Positions

1-257, 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

27,471 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_015640226.1

NCBI GI

1002271820

NCBI GenBank Nucleotide

XM_015784740.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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4338160 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg

(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
NCBI Official Full Name
auxin-responsive protein IAA17

NCBI Official Symbol

LOC4338160

NCBI Official Synonym Symbols

IAA17

NCBI Protein Information

auxin-responsive protein IAA17

UniProt Gene Name

IAA17

UniProt Protein Name

Auxin-responsive protein IAA17

UniProt Synonym Protein Names

Indoleacetic acid-induced protein 17

UniProt Primary Accession

Q75GB1

UniProt Secondary Accession

B7ETK8

UniProt Related Accession

Q75GB1

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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