

Auxin-responsive protein IAA22 (IAA22), Recombinant Protein

Cat RP12380

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 IAA22 (IAA22)

Product Gene Name

IAA22 recombinant protein

Product Synonym Gene Name

IAA22

Purity

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

Sequence

MKLKAAAVVS CDFGKGKLYP QVMGAGWNES GENRAASSAQ LVGWPPVRTF RKNLSTPKPA DADDLMNKMK
PCSDGEGHSR DAAQERRPSS TMFVKVNLEG YAVGRKIDLK AHRSYDSLSQ ALQSMFHGFL SDGIATRDNE
LQRMEEGSKK RYVLVYEDNE GDRMLVGDVP WDGREAGSGR RPAAGVDQVS ERPDVSPAMA TTPAATVAVT
QRRELTNLAA TVAAHVLVFL ASGQGHINCM MHFAMGDIVE LLESLGTNGS LVKGD

Sequence Positions

1-265, 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

28,641 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

Q69TU6.1

NCBI GI

75254391

NCBI Official Full Name

Auxin-responsive protein IAA22

UniProt Gene Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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IAA22 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

UniProt Protein Name

Auxin-responsive protein IAA22

UniProt Synonym Protein Names

Indoleacetic acid-induced protein 22

UniProt Primary Accession

Q69TU6

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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