

WUSCHEL-related homeobox 3A (WOX3A), Recombinant Protein

Cat RP10591

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 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

Zea mays (Maize Cell)

Full Product Name

Recombinant Zea mays WUSCHEL-related homeobox 3A (WOX3A)

Product Gene Name

WOX3A recombinant protein

Product Synonym Gene Name

WOX3A

Purity

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

Sequence

MPQTPSTRWC PTPEQLMILE EMYRSGVRTP NAAEIQQITA HLAYYGRIEG KNVFYWFQNH KARERQRLRR
RLCARHQQQY AQQQATAAAP ASSPNSSATV PSLAAGGSSA GVHPAVMQLH HHQHYPYATNF
MPHQLGYMGQ QVATVPPVLN PAAAGMVDLA AARAGGGNKA TAAGSGAYGG GAGLYNSCSS
NQLEEWATD AMEHCDASCG AASGSSDEGG ALQLPPCCRR PLKTLDLFPT KSTGLKDECS SSKSSSCSTS
TN

Sequence Positions

1-262, 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

27,836 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

WUSCHEL-related homeobox

NCBI Accession

NP_001105160.1

NCBI GI

162459641

NCBI GenBank Nucleotide

NM_001111690.2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

NCBI GeneID

542051

NCBI Official Full Name

WUSCHEL-related homeobox 3A

NCBI Official Symbol

ns1

NCBI Official Synonym Symbols

prs; WOX3A; GRMZM2G069028

NCBI Protein Information

WUSCHEL-related homeobox 3A

UniProt Gene Name

WOX3A

UniProt Synonym Gene Names

NS1

UniProt Protein Name

WUSCHEL-related homeobox 3A

UniProt Synonym Protein Names

Narrow sheath protein 1

UniProt Primary Accession

Q70UV1

UniProt Related Accession

Q70UV1

UniProt Comments

Probable transcription factor required to initiate organ founder cells in a lateral domain of shoot meristems. Involved in leaf formation.

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