

WUSCHEL-related homeobox 3B (WOX3B), Recombinant Protein

Cat RP10594

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

Zea mays (Maize)

Full Product Name

Recombinant Zea mays WUSCHEL-related homeobox 3B (WOX3B)

Product Gene Name

WOX3B recombinant protein

Product Synonym Gene Name

WOX3B

Purity

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

Sequence

MPQTPSTRWC PTPEQLMILE EMYRSGVRTP NAAEIQQITA HLAYYGRIEG KNVFYWFQNH KARERQRLRR
RLCARHQQQY AQQQQQATAA APASSPNSSA TLLAPPAAGG SSAPCVHPAV MQLHHHHHPY ATSFSPHPLG
YLGQQAATVT PVLNPAAAGM VDLAAGAGAGN RATGAGGAYG GGAGLYNSCS SNQLEVWDAT
EPMDHCNASC GAASGSSDEG GAAHLQLPAC CRRPLKTLDL FPTKSTGLKD ECSSSKSSSC STSTN

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

28,092 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_001105242.1

NCBI GI

162459869

NCBI GenBank Nucleotide

NM_001111772.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

WUSCHEL-related homeobox 3B (WOX3B), Recombinant Protein

Cat *RP10594*

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

542147 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

WUSCHEL-related homeobox 3B

NCBI Official Symbol

ns2

NCBI Official Synonym Symbols

WOX3B

NCBI Protein Information

WUSCHEL-related homeobox 3B

UniProt Gene Name

WOX3B

UniProt Synonym Gene Names

NS2

UniProt Protein Name

WUSCHEL-related homeobox 3B

UniProt Synonym Protein Names

Narrow sheath protein 2

UniProt Primary Accession

Q6S3I3

UniProt Related Accession

Q6S3I3

UniProt Comments

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

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY