

Probable auxin efflux carrier component 1b (PIN1B), Recombinant Protein

Cat *RP12346*

Size 1 mg (*E-Coli*)/ 1 mg (*Yeast*)

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Probable auxin efflux carrier component 1b (PIN1B), partial

Product Gene Name

PIN1B recombinant protein

Purity

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

Sequence

MITVVDLYHV LTAVVPLYVA MTLAYASVRW WRIFSPDQCS GINRFVALFA VPLLSFHFIS TNNPFAMNLR
FLAADTLQKL IVLALLALWC RLSARGSLDW LITLFSLSL PNTLVMGIPL LKGMYYYYAAD VDSGSLMVQI
VVLQCIWYT LMLFLFEYRG ARLLVMEQFP DTAASIVSFR VDSDVVSLAG GGGGAAELQA EAEVGDDGRM
RVTVRKSTSS RSEAACSHGT QSHSQSMQPR VSNLSGVEIY SLQSSRNPTP RGSSFNHAEF FNIVGNGKQG
DEEKGAGGG GHSPQPVGK RKDLHMFVWS SSASPVSERA AAAAGAVHV FGGGGADHGD
AKGAQAYDEY SFGNKNEKDG PTL SKLGSNS TAQLRPKDDG EGMAAAMPPA SVMTRLILIM VWRKLIRNPN
TYSSLLGVIW SLVSyrWGIE MPaiIARSIS ILSDAGLGMA MFSLGFLMAL QPRIIACGNS LASYAMAVRF
LVGPAVMAAA SIAVGLRGVL LHIAIVQAAL PQGIVPFVFA KEYNVHPNIL STAVIFGMLI ALPITLVYYI LLGL

Sequence Positions

1-554

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or *Yeast* or *Baculovirus* or *Mammalian Cell*

Molecular Weight

59,270 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

Probable auxin efflux carrier component

NCBI Accession

XP_015616014.1

NCBI GI

1002305327

NCBI GenBank Nucleotide

XM_015760528.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GenelD

4349716

NCBI Official Full Name

probable auxin efflux carrier component 1b

NCBI Official Symbol

LOC4349716

NCBI Official Synonym Symbols

PIN1B; OsPIN1b; OsJ_32878

NCBI Protein Information

probable auxin efflux carrier component 1b

UniProt Gene Name

PIN1B

UniProt Synonym Gene Names

OsPIN1b

UniProt Protein Name

Probable auxin efflux carrier component 1b

UniProt Synonym Protein Names

OsPIN1c

UniProt Primary Accession

P0C0X5

UniProt Secondary Accession

Q2RAU7; D5A7I6

UniProt Related Accession

P0C0X5

UniProt Comments

May act as a component of the auxin efflux carrier.

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