

Expansin-like B1 (EXLB1), Recombinant Protein

Cat *RP04603*

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)/ 1

Species mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Arabidopsis thaliana (Mouse-ear cress)
Cell)

Full Product Name

Recombinant Arabidopsis thaliana Expansin-like B1 (EXLB1)

Product Gene Name

EXLB1 recombinant protein

Purity

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

Sequence

DDFVNSRATY YGSPDCKANP RGHCYGEFG RDINNGEVSG VSWRLWNNGT GCGACYQVRC KIPPHCSEEG
VYVVATDSGE GDGDFILSP KAYGRMARPG TENQLYSFGV VNVEYQRIPC RYAGYNLVYK IHEKSYNPHY
LAILVLVYGG VNDILAVEVW QEDCKEWRM RRVFGAVHDL QNPPRGTLTL RFLVYGSAGI NWIQSPNAIP
ADWTAGATYD SNILLT

Sequence Positions

25-250, 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

27,934 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

Expansin

NCBI Accession

NP_193436.2

NCBI GI

30683908

NCBI GenBank Nucleotide

NM_117807.3

NCBI GenID

827411

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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expansin-like B1
mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)

NCBI Official Symbol

EXLB1

NCBI Official Synonym Symbols

AT-EXPR; ATEXLB1; ATEXPR1; ATHEXP BETA 3.1; DL4545C; expansin-like B1; EXPR; FCAALL.341

NCBI Protein Information

expansin-like B1

NCBI Summary

Encodes EXLB1 (expansin-like B1), a member of the expansin family.

UniProt Gene Name

EXLB1

UniProt Synonym Gene Names

EXPR1; At-EXPR1; AtEXLB1; AtEXPR1

UniProt Protein Name

Expansin-like B1

UniProt Synonym Protein Names

Ath-ExpBeta-3.1

UniProt Primary Accession

O23547

UniProt Related Accession

O23547

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