

# LOB domain-containing protein 4 (LBD4), Recombinant Protein

Cat RP01791

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

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

## Species

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana LOB domain-containing protein 4 (LBD4)

## Product Gene Name

LBD4 recombinant protein

## Product Synonym Gene Name

LBD4

## Purity

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

## Sequence

MKESSRKQGA ASPCAACKLL RRRCAQDCVF SPYFPADEPQ KFANVHRVFG ASNVNKMLQE LPIHQRGDAV  
SSMVYEANAR VRDPVYGCVG AISSLQQQID VLQAQLALAQ AEVVHLRVRQ STNFPGHGLC PDSPSSSGSP  
SSKQVSPQDN KGMFSHMDIV DEASLGESMW SC

## Sequence Positions

1-172, 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

18,697 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

LOB domain-containing protein

## NCBI Accession #

NP\_174417.1

## NCBI GI #

15221679

## NCBI GenBank Nucleotide #

NM\_102870.3

## NCBI GeneID

840020

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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## NCBI Official Full Name

LOB domain-containing protein 4

## NCBI Official Symbol

LBD4

## NCBI Official Synonym Symbols

LOB domain-containing protein 4; T19E23.11; T19E23\_11

## NCBI Protein Information

LOB domain-containing protein 4

## UniProt Gene Name

LBD4

## UniProt Synonym Gene Names

ASL6; AS2-like protein 6

## UniProt Protein Name

LOB domain-containing protein 4

## UniProt Synonym Protein Names

ASYMMETRIC LEAVES 2-like protein 6; AS2-like protein 6

## UniProt Primary Accession #

Q9SHE9

## UniProt Secondary Accession #

Q6DBF5; B7XG60

## UniProt Related Accession #

Q9SHE9

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