

LOB domain-containing protein 37 (LBD37), Recombinant Protein

Cat RP05142

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 37 (LBD37)

Product Gene Name

LBD37 recombinant protein

Product Synonym Gene Name

LBD37

Purity

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

Sequence

MSCNGCRVLR KGCSENCILR PCIQWIETAD AQGHATVFVA KFFGRAGLMS FISAVPDSQR PALFQSLLYE
ACGRTVNPVN GAIGMLWTGN WNICQAAVET VLRGGSLRPI PELLTHGGGF AGFPSPTSEE ASEICTEMLN
LQQNDSTDRN IYHHSRFSSS RSRSTMDSSS PTKRKRLSSE DQPSSSELDLS LIPNFPIKQA TPSSTRRRSV
TPSMNSED SG TTTTTFACD KGDVYGNNGG ETTKLLNLFV

Sequence Positions

1-250, 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

27,113 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_001318897.1

NCBI GI

1063743858

NCBI GenBank Nucleotide

NM_001345828.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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836878 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 Full Name

LOB domain-containing protein 37

NCBI Official Symbol

LBD37

NCBI Official Synonym Symbols

ASL39; ASYMMETRIC LEAVES2-LIKE 39; K8K14.16; K8K14_16; LOB domain-containing protein 37

NCBI Protein Information

LOB domain-containing protein 37

NCBI Summary

Encodes a LOB-domain protein involved in nitrogen metabolism and affecting leaf morphogenesis.

UniProt Gene Name

LBD37

UniProt Synonym Gene Names

ASL39; AS2-like protein 39

UniProt Protein Name

LOB domain-containing protein 37

UniProt Synonym Protein Names

ASYMMETRIC LEAVES 2-like protein 39; AS2-like protein 39

UniProt Primary Accession

Q9FN11

UniProt Secondary Accession

Q2HIV4; Q8LA66; B7XG93

UniProt Related Accession

Q9FN11

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