

LDB3 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP20668a**Specification**

LDB3 Blocking Peptide (N-term) - Product Information

Primary Accession [O75112](#)
Other Accession [Q9JKS4](#)

LDB3 Blocking Peptide (N-term) - Additional Information

Gene ID 11155

Other Names

LIM domain-binding protein 3, Protein cypher, Z-band alternatively spliced PDZ-motif protein, LDB3
(http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=15710)
HGNC:15710

Target/Specificity

The synthetic peptide sequence is selected from aa 101-114 of HUMAN LDB3 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=15710)
HGNC:15710

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LDB3 Blocking Peptide (N-term) - Protein Information

Name LDB3 ([HGNC:15710](#))

Function

May function as an adapter in striated muscle to couple protein kinase C-mediated signaling via its LIM domains to the cytoskeleton.

Cellular Location

Cytoplasm, perinuclear region. Cell projection, pseudopodium. Cytoplasm, cytoskeleton. Cytoplasm, myofibril, sarcomere, Z line. Note=Localized to the cytoplasm around nuclei and pseudopodia of undifferentiated cells and detected throughout the myotubes of differentiated cells. Colocalizes with ACTN2 at the Z-lines

Tissue Location

Expressed primarily in skeletal muscle and to a lesser extent in heart. Also detected in brain and placenta

LDB3 Blocking Peptide (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

LDB3 Blocking Peptide (N-term) - Images

LDB3 Blocking Peptide (N-term) - Background

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LDB3 Blocking Peptide (N-term) - References

Faulkner G.,et al.J. Cell Biol. 146:465-475(1999).
Zeng G.,et al.Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.
Ishikawa K.,et al.DNA Res. 5:169-176(1998).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 429:375-381(2004).