

[Go to Product page](#)

## Datasheet for ABIN7318737 LMCD1 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	LMCD1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This LMCD1 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human LMCD1/Dyxin Protein (His Tag)
Sequence:	Met 1-Ser365
Characteristics:	Recombinant Human LIM and cysteine-rich domains protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Ser365 is expressed with a 6His tag at the N-terminus, 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	LMCD1
Alternative Name:	LMCD1/Dyxin ( <a href="#">LMCD1 Products</a> )
Background:	Background: LMCD1 is transcriptional cofactor which contains a cysteine-rich domain in the N-terminal region and 2 LIM domains in the C-terminal region. It also has several potential

## Target Details

phosphorylation and N-myristoylation sites and a single potential N-glycosylation site. LMCD1 is expressed in many tissues with highest abundance in skeletal muscle. LMCD1 restricts GATA6 function by inhibiting DNA-binding, resulting in repression of GATA6 transcriptional activation of downstream target genes. It plays a critical role in the development of cardiac hypertrophy via activation of calcineurin/nuclear factor of activated T-cells signaling pathway. Synonym: LIM and cysteine-rich domains protein 1, LMCD1, Dyxin

Molecular Weight: 44.0 kDa

UniProt: [Q9NZU5](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.