

Product datasheet for **TP505613**

Lmcd1 (NM_144799) Mouse Recombinant Protein

Product data:

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|-----------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse LIM and cysteine-rich domains 1 (Lmcd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA | >MR205613 protein sequence |
| Clone or AA Sequence: | Red=Cloning site Green=Tags(s) |

MAKVAKDLNPGVQKMSLGQQSARGVACLRCCKGMCSGFEPHSWRKICKSCKCSQEEHCLSSDLDDDRKIG
RLLMDSKYATLTARVKGDDGIRIYKRNRMIMTNPIATGKDPTFDTITYEWAPPGVQTQKGLQYMEIIPKE
RQPVTGTEGALYRRRQLMHQLPIYDQDPSRCRGLVENELKAMEEFVKHYKSEALGVGEVALPGQGGLPKE
ENKTQEKEPGETETTAPTTNGSLGDPSKEVEYVCELCKGAAPVDSPVYADRAGYSKQWHPTCFQCIKCSE
PLVDLIYFWKDGAPWCGRHYCESVRPRCSGCDEIIFSEDYQRVEDLAWHRKHFCICEGCEQLLSGRAYIVT
KGQLLCPTCSKSKRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 41 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_659048 |
| Locus ID: | 30937 |
| UniProt ID: | Q8VEE1 , Q3TVW6 , Q8BVZ6 |



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RefSeq Size: 1742

Cytogenetics: 6 E3

RefSeq ORF: 1098

Synonyms: AW455500; AW553074; dyxin

Summary: Transcriptional cofactor that restricts GATA6 function by inhibiting DNA-binding, resulting in repression of GATA6 transcriptional activation of downstream target genes. Represses GATA6-mediated trans activation of lung- and cardiac tissue-specific promoters. Inhibits DNA-binding by GATA4 and GATA1 to the cTNC promoter. Plays a critical role in the development of cardiac hypertrophy via activation of calcineurin/nuclear factor of activated T-cells signaling pathway. [UniProtKB/Swiss-Prot Function]