

Recombinant Full Length Mouse LTBP2 Protein, Flag-tagged

Cat. No. LTBP2-9349MFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse LTBP2 Protein, fused to Flag-tag at C-terminus, was expressed in HEK293T.
Species	Mouse
Source	HEK293
ProteinLength	Full Length
Description	Predicted to enable microfibril binding activity. Predicted to be involved in supramolecular fiber organization. Predicted to be located in extracellular region. Human ortholog(s) of this gene implicated in Weill-Marchesani syndrome. Orthologous to human LTBP2 (latent transforming growth factor beta binding protein 2).
Form	50mM Tris.HCl, pH7.5, 100mM glycine, 10% glycerol.
Molecular Mass	192.8 kDa
AA Sequence	MESTSPRGLRCPQLCSHSGAMRAPTTARCSGCIRRVRWRGFLPLVLAVLMGTSHA QRDSIGRYEPASRDANRLWHPVGSHPA AAAAKVYSLFREPDAPVPGLS PSEWNQP AQGNPGR LAEAEARRPPRTQQLRRVQPPVQTRRSHPRGQQQIAARAAPSVARLET PQRPA AARRGRLTGRNVCGGQCCPGWTTSNSTNHCIKPVCQPPCQNRGSCSRPQ VCICRSGFRGARCEEVIPEEEFDPQNARPVPRRSVERAPGPHRSSEARGSLVTRIQ PLVPPPSPPPSRRLSQPWPLQQHSGPSRTVRRYPATGANGQLMSNALPSGLELRD

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SSPQAAHVNLSPWGLNLTEKIKKIKVVFTPTICKQTCARGRCANSCEKGDTTTTLY
SQGGHGHDPKSGFRIYFCQIPCLNGGRCIGRDECWCPANSTGKFCHLPVPQPDRE
PAGRGSRHRTLLEGPLKQSTFTLPLSNQLASVNPSLVKVQIHHPPEASVQIHQVARV
RGELDPVLEDNSVETRASRRPHGNLGHSPWASNSIPARAGEAPRPPVLSRHYGLL
GQCYLSTVNGQCANPLGELTSQEDCCGSVGTFWGVTSCAPCPRPAFPVIENGQL
ECPQGYKRLNLSHCQDINECLTLGLCKDSECVNTRGSYLCTCRPGLMLDPSRRCV
SDKAVSMQQGLCYRSLGSGTCTLPLVHRITKQICCCSRVGKAWGSTCEQCPLPGTE
AFREICPAGHGYTYSSSDIRLSMRKAEELASPLREQTEQSTAPPPGQAERQPLRA
ATATWIEAETLPDKGDSRAVQITTSAPHLPARVPGDATGRPAPSLPGQGIPESPAEE
QVIPSSDVLVTHSPPDFDPCFAGASNICGPGTCVSLPNGYRCVCSPGYQLHPSQDY
CTDIDECEQPGVCSGGRCNTEGSYHCECDRGYIMVRKGHCQDINECRHPGTCPD
GRCVNPSGYSYCLACEEGYVGQSGSCVDVNECLTPGICTHGRINMEGSFRCSCE
PGYEVTDPKKGCRDVDECASRASCPTGLCLNTEGSFTCSACQSGYWVNEDGTACE
DLDECAFPGVCPTGVCTNTVGSFSCKDCDRGYRPNPLGNRCEDVDECEGPQSSC
RGGECKNTEGSYQCLCHQGFQLVNGTMCEDVNECVGEEHCAPHGECLNSLGSFF
CLCAPGFASAEGGTRCQDVDECAATDPCPGGHCVNTEGSFSCLCETGFQPSPSG
ECLDIDECEDREDPVCRAWRCENSPGSYRCILDCQPGFYVAPNGDCIDIDECANDT
VCGNHGFCNDTGSFRCLCDQGFETSPSGWECVDVNECELMMAVCGDALCENVE
GSFLCLCASDLEEYDAEEGHCRPRVAGAQRIPVETEDQAPSLIRMECYSEHNGGP
PCSQILGQNSTQAECCCTQGARWKGACAPCPSEDSVEFSQLCPSGQGYIPVEGAW
TFGQTMYTDADECVLFGPALCQNGRCLNIVPGYICLCNPGYHYDASSRKCQDHNEC
QDLACENGECVNTEGSFHCCLNPPLTDLGQRCVNSTSTEDFPDHDHMDICWK
KVTNDVCSQPLRGHHTTYTECCCQDGEAWSQQCALCPPRSSEVYAQLCNVARIEA
ERGAGIHFRPGYEGPGLDDLLENLYGPDGAPFYNYLGPEDTAPEPPFSNPASQPG
DNTPVLEPPLQPSELQPHYLASHSEPLASFEGQLAECEGILNGCENGRCVRVREGY
TDCDFEGFQLDAAHMACVDVNECEDLNGPAALCAHGHCENTEGSYRCHCSPGYV
AEPGPPHCAAKE TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining.

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration

>0.05 µg/µL as determined by microplate BCA method.

GENE INFORMATION
Gene Name

Ltbp2 latent transforming growth factor beta binding protein 2 [Mus musculus (house mouse)]

Official Symbol

LTBP2

Synonyms

AW208642; latent transforming growth factor beta binding protein 2

Gene ID

16997

mRNA Refseq

NM_013589.4

Protein Refseq

NP_038617.4

UniProt ID

O08999

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA