

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 QRDSIGRYEPASRDANRLWHPVGSHPAAAAAKVYSLFREPDAPVPGGLSPSEWNQP AQGNPGRLEAEARRPPRTQQLRRVQPPVQTRRSHPRGQQQIAARAAPSVARLET PQRPAARRGRLTGRNVCGGQCCPGWTTSNSTNHCIKPVCQPPCQNRGSCSRPQ VCICRSGFRGARCEEVIPEEEFDPQNARVPVRRSVERAPGPHRSSEARGSLVTRIQ PLVPPSPPPSRRLSQPWPLQQHSGPSRTVRRYPATGANGQLMSNALPSGLELRD

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SSPQAAHVNHLSPPWGLNLTEKIKKIKVVFTPTICKQTCARGRCANSCEKGDTTTTLY
SQGGHGHDPKSGFRIYFCQIPCLNGGRCIGRDECWCPANSTGKFCHLPVPQPDRE
PAGRGSRHRTLLEGPLKQSTFTLPLSNQLASVNPSLVKVQIHHPPEASVQIHQVARV
RGELDPVLEDNSVETRASRRPHGNLGHSPWASNSIPARAGEAPRPPPVLRSRYGLL
GQCYLSTVNGQCANPLGELTSQEDCCGSVGTFWGVTSAPCPPRPAFPVIENGQL
ECPQGYKRLNLSHCQDINECLTLGLCKDSECVNTRGSYLCTCRPGLMLDPSRSRCV
SDKAVSMQQGLCYRSLGSGTCTLPLVHRITKQICCCSRVGKAWGSTCEQCPLPGTE
AFREICPAGHGYTYSSSDIRLSMRKAEELASPLREQTEQSTAPPPGQAERQPLRA
ATATWIEAETLPDKGDSRAVQITTSAPHLPARVPGDATGRPAPSLPGQGIPESPAEE
QVIPSSDVLVTHSPPDFDPCFAGASNICGPGTCVSLPNGYRCVCSPGYQLHPSQDY
CTDIDECEQPGVCSGGRCNTEGSYHCECDRGYIMVRKGHCQDINECRHPGTCPD
GRCVNSPGSYTCLACEEGYVGQSGSCVDVNECLTPGICTHGRINMEGSFRCSCE
PGYEVTPDKKGRDVDECASRASCPTGLCLNTEGSFTCSACQSGYWVNEGDGTACE
DLDECAFPVGCPTGVCTNTVGSFSCDKDCDRGYRPNPLGNRCEDVDECEGPQSSC
RGGECKNTEGSYQCLCHQGFQLVNGTMCEDVNECVGEEHCAPHGECLNSLGSFF
CLCAPGFASAEGGTRCQDVDECAATDPCPGGHCVNTEGSFSCLCETGFQPSPSG
ECLDIDECEDREDPVCGAWRCENSPGSYRCILDCQPGFYVAPNGDCIDIDECANDT
VCGNHGFCNDTGSFRCLCDQGFETSPSGWECVDVNECELMMAVCGDALCENVE
GSFLCLCASDLEEYDAEEGHCRPRVAGAQRIPVTEQDAPSLIRMECYSEHNGGP
PCSQILGQNSTQAECCCTQGARWGWKACAPCPSEDSVEFSQLCPSGQGYIPVEGAW
TFGQTMYPDADCEVLFGPALCQNGRCLNIVPGYICLCNPGYHYDASSRKCQDHNEC
QDLACENGEVNTGFSFHCLCNPPLTDLGQRCVNSTSSSTEDFPDHDHMDICWK
KVTNDVCSQPLRGHHTTYTECCCQDGEAWSQQCALCPPRSSEVYAQLCNVAREIA
ERGAGIHFPRPGYEGPGLDDLLENLYGPDGAPFYNYLGPEDTAPEPPFSNPASQPG
DNTPVLEPPLQPSELQPHYLASHSEPLASFEGQLAECEGILNGCENGRVVRVREGY
TCDCFEGFQLDAAHMACVDVNECEDLNGPAALCAHGHCENTEGSYRCHCSPGYV
AEPGPPHCAAKE TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity

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

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

Gene Name	Ltbp2 latent transforming growth factor beta binding protein 2 [Mus musculus (house mouse)]
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Official Symbol	LTBP2
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Synonyms	AW208642; latent transforming growth factor beta binding protein 2
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Gene ID	16997
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mRNA Refseq	NM_013589.4
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Protein Refseq	NP_038617.4
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UniProt ID	O08999
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