



Recombinant Mouse LTBP2 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP52023

Size: 10ug, 100ug

Protein Name: Latent-transforming growth factor beta-binding protein 2 (LTBP-2)

Synonym: Ltbp2

UniProt ID: O08999

UniProt Link: www.uniprot.org/uniprotkb/O08999/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 1813 AA

Molecular Weight: 196 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MRAPTTARCSGCIQVRWRGFLPLVLAVLMGTSHAQRDSIGRYEPASRDANRLWHPVGSHPAAAA
AKVYSLFREPDAPVPGLSPSEWNQPAQGNPGWLAEAEARRPPRTQQLRVQPPVQTRRSHPRGQ
QQIAARAAPSVARLETPQRPAARRGRLTGRNVCGGQCCPGWTTSNSTNHCIKPVQPPCQNRGS
CSRQVVCICRSGFRGARCEEVIPEEEFDPQNARPVPRRSVERAPGPHRSSEARGSLVTRIQPLVPP
PSPPPSRRLSQPWPLQQHSGPSRTVRRYPATGANGQLMSNALPSGLELRDSSPQAAHVNLHLSPP
WGLNLTEKIKKIKVFTPTICKQTCARGRCANSCEKGDTTTTLYSQGGHGHDPKSGFRIYFCQIPCLNG
GRCIGRDECWCPANSTGKFCHLPVPQPDREPAGRGRHRTLLEGPLKQSTFTLPLSNQLASVNP
VKVQIHHPPPEASVQIHQVARVRGELDPVLEDNSVETRASHRPHGNLGHSPWASNSIPARAGEAPRP
PPVLSRHYGLLGQCYLSTVNGQCANPLGSLTSQEDCCGSGVGTFWGVTSCAPCPRQEGPAFPVIE
NGQLECPQGYKRLNLSHCQDINECLTLGLCKDSECVNTRGSYLCTCRPGLMLDPSRSRCVSDKAVS
MQQGLCYRSLGSGTCTLPLVHRITKQICCCSRVGKAWGSTCEQCPLPGTEAFREICPAGHGYTYSS
SDIRLSMRKAEELASPLREQTEQSTAPPPGQAERQPLRAATATWIEAETLPDKGDSRAVQITTS
PHLPARVPGDATGRPAPSLPGQGIPESPAEEQVIPSSDVLVTHSPDFDPCFAGASNICGPGTCVSL
PNGYRCVCSPGYQLHPSQDYCTDDNECMRNPCEGRGRCVNSVGSYSCLCYPGYTLVTLGDTQEC
QDIDECEQPGVCSGGRCNTEGSYHCECDRGYIMVRKGHCQDINECRHPGTCPDGRCVNSPGSY
TCLACEEGYVGQSGSCVDVNECLTPGICTHGRGINMEGSFRCSCEPGYEVTPDKKGCRDVDECAS
RASCPTGLCLNTEGSFTCSACQSGYWVNEDGTACEDLDECAFPGVCPTGVCTNTVGSFSCKDCDQ
GYRPNPLGNRCEDVDECEGPQSSCRGGECKNTEGSYQCLCHQGFQLVNGTMCEDVNECVGEEH
CAPHGECLNSLGSFFCLCAPGFASAEAGGTRCQDVDECAATDPCPGGHCVNTEGSFSCLCETASFQ



PSPDSGECLDIDECEDREDPVCGAWRCENSPGSYRCILDCQPGFYVAPNGDCIDIDECANDTVCGN
HGFCNDTDGSFRCLCDQGFETSPSGWECVDVNECELMMAVCGDALCENVEGSFLCLCASDLEEY
DAEEGHCRPRVAGAQRIPVETEDQAPSLIRMECYSEHNGGPPCSQILGQNSTQAECCCTQGARW
GKACAPCPSEDSVEFSQLCPSGQGYIPVEGAWTFGQTMYPDADCECVLFGPALCQNGRCSNIVPGYI
CLCNPGYHYDASSRKCQDHNECQDLACENGECVNEQEGSFHCLCNPPLTDLGSGQRCVNTTSSTED
FPDHDIHMDICWKKVTNDVCSQPLRGHHTTYTECCQDGEAWSQQCALCPPRSSEVYAQLCNVAR
IEAERGAGIHFRPGYEGPGLDDLLENLYGPDGAPFYNYLGPEDTAPEPPFSNPASQPGDNTPVLE
PPLQPSELQPHYLASHSEPPASFEGQLQAECEGILNGCENGRCVRVREGYTCDCEFGFQLDAPTLAC
VDVNECEDLNGPARLCAHGHCEGTEGSRCHCSPGYVAEPGPPHCAAKE

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant Latent-transforming growth factor beta-binding protein 2 (LTBP-2) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: May play an integral structural role in elastic-fiber architectural organization and/or assembly.

Subcellular Localization: Secreted, extracellular space, extracellular matrix .

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.