

Recombinant Human LTBP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LTBP3-4476H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LTBP3 MS Standard C13 and N15-labeled recombinant protein (NP_001123616) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene forms a complex with transforming growth factor beta (TGF-beta) proteins and may be involved in their subcellular localization. Activation of this complex requires removal of the encoded binding protein. This protein also may play a structural role in the extracellular matrix. Three transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	139.36 kDa
AA Sequence	MPGPRGAAGGLAPEMRGAGAAGLLALLLLLLLLLLLGLGGRVEGGPAGERGAGGGG ALARERFKVVFAPVICKRTCLKGQCRDSCQQGSNMTLIGENGHSTDTLTGSGFRVV VCPLPCMNGGQCSSRNQCLCPPDFTGRFCQVPAGGAGGGTGGSGPGLSRTGALS TGALPPLAPEGDSVASKHAIYAVQVIADPPGPGEGPPAQHAAFLVPLGPGQISAEVQ APPPVVNVVRVHHPPEASVQVHRIESSNAESAAPSQHLLPHPKPSHPRPPTQKPLGR CFQDTLPKQPCGSNPLPGLTKQEDCCGSIGTAWGQSKCHKCPQLQYTG VQKPGPV RGEVGADCPQGYKRLNSTHCQDINECAMPGVCRHGDCLNNPGSYRCVCPPGHSL GPSRTQCIADKPEEKSLCFRLVSPEHQCQHPLTTRLTRQLCCCSVGKAWGARCQR

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CPTDGTAAFKEICPAGKGYHILTSHQTLTIQGESDFSLFLHPDGPPKPQQLPESPSQ
 APPPEDTEEERGVTTDSPVSEERSVQQSHPTATTTTPARPYPELISRSPPTMRWFL
 PDLPPSRSAVEIAPTQVTETDECRLNQNICGHGECVPGPPDYSCHCNPGYRSHQPQ
 RYCVDVNECEAEPCGPGRGICMNTGGSYNCHCNRGYRLHVGAGGRSCVDLNECA
 KPHLCGDGGFCINFPGHYKCNCYPGYRLKASRPPVCEDIDECRDPSSCPDGKCEN
 KPGSFKCIACQPGYRSQGGGACRDVNECAEGSPCSPGCWENLPGSFRCTCAQGY
 APAPDGRSCLDVDECEAGDVCDNGICSNTPGSFQCQCLSGYHLSRDRSHCEDIDE
 CDFPAACIGGDCINTNGSYRCLCPQGHRLVGGRKCQDIDECSQDPSLCLPHGACKN
 LQGSYVCVCDEGFTPTQDQHGCEEVEQPHHKKECYLNFDDTVFCDSVLATNVTQQ
 ECCCCSLGAGWGDHCEIYPCPVYSSAEFHSCLPDGKGYTQDNNIVNYGIPAHRDIDE
 CMLFGSEICKEGKCVNTQPGYECYCKQGFYDGNLLECVDVDECLDESNCRNGVC
 ENTRGGYRCACTPPAEYSPAQRQCLSPEEMDVDECQDPAACRPGRCVNLPGSYR
 CECRPPWVPGPSGRDCQLPESPAERAPERRDVCWSQRGEDGMCAGPLAGPALTF
 DDCCCRQGRGWGAQCRPCPPRGAGSHCPTSQSESNSFWDTSPLLLGKPPRDED
 SSEEDSDECRCVSGRCVPRPGGAVCECPGGFQLDASRARCVDIDECRELNQRGLL
 CKSERCVNTSGSFRCVCKAGFARSRPHGACVPQRRRTTRTRPLEQKLISEEDLAAND
 ILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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Gene Name	LTBP3 latent transforming growth factor beta binding protein 3 [Homo sapiens (human)]
Official Symbol	LTBP3
Synonyms	LTBP3; latent transforming growth factor beta binding protein 3; DASS; LTBP2; LTBP-3; STHAG6; pp6425; GPHYSD3; latent-transforming growth factor beta-binding protein 3; latent TGF beta binding protein 3
Gene ID	4054
mRNA Refseq	NM_001130144
Protein Refseq	NP_001123616
MIM	602090
UniProt ID	Q9NS15
SDS-PAGE	