

Recombinant Full Length Human LTBP3 Protein, C-Flag-tagged

Cat. No. LTBP3-743HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human LTBP3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	135.2 kDa
AA Sequence	MPGPRGAAGGLAPEMRGAGAAGLLALLLLLLLLLLLGLGGRVEGGPAGERGAGGGG ALARERFKVVFAPVI CKRTCLKGQCRDSCQQGSNMTLIGENGHSTDTLTGSGFRVV VCPLPCMNGGQCSSRNQCLCPPDFTGRFC QVPAGGAGGGTGGSGPGLSRTGAL STGALPPLAPEGDSVASKHAIYAVQVIADPPGPGEGPPAQHAAFLV PLGPGQISAEV QAPPPVVNVVRVHHPPEASVQVHRIESSNAESAAPSQHLLPHPKPSHPRPPTQKPLG RCF QDTLPKQPCGSNPLPGLTKQEDCCGSIGTAWGQSKCHKCPQLQYTG VQKPG PVRGEVGADCPQGYKRLNS THCQDINECAMPGVCRHGDCLNNPGSYRCVCPPGH

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SLGPSRTQCIADKPEEKSLCFRLVSPEHQCHPLT TRLTRQLCCCSVGKAWGARC
 QRCPTDGTAAFKEICPAGKGYHILTSHQTLTIQGESDFSFLHPDGPPKP QQLPESP
 SQAPPPEDTEEERGVTDDSPVSEERSVQQSHPTATTTTPARPYPELISRPSPTMRW
 FLPLDPP SRSAVEIAPTQVTETDECRLNQNICGHGECVPGPPDYSCHCNPgyrshp
 QHRYCVDVNECEAEPCGPGRG ICMNTGGSYNCHCNRGYRLHVGAGGRSCVDLN
 ECAKPHLCGDGGFCINFPGHYKNCYPGYRLKASRPPV CEDIDECRDPSSPCPDGK
 CENKPGSFKCIACQPGYRSQGGGACRDVNECAEGSPCSPGWCENLPGSFRCTC A
 QGYAPAPDGRSCLDVDECEAGDVCDNGICSNTPGSFQCQCLSGYHLSRDRSHCED
 IDECDFPAACIGGD CINTNGSYRCLCPQGHRLVGGRKCQDIDECSQDPSLCLPHGA
 CKNLQGSYVCVCDEGFTPTQDQHGCCVEV EQPHHKKECYLNFDDTVFCDSVLATNV
 TQQECCCSLGAGWGDHCEIYPCPVYSSAEFHSLCPDGKGYTQD NNIVNYGIPAHR
 DIDECMLFGSEICKEGKCVNTQPGYECYCKQGFYYDGNLLECVDVDECLDESNCRN
 GV CENTRGGYRCACTPPAEYSPAQRQCLSPEEMDVDECQDPAACRPGRCVNLPG
 SYRCECRPPWVPGPSGRD CQLPESPAERAPERRDVCWSQRGEDGMCAGPLAGP
 ALTFDDCCCRQGRGWGAQCRPCPPRGAGSHCPTSQ SESNSFWDTSPLLLKGKPPR
 DEDSSEEDSDECRCVSGRCVPRPGGAVCECPGGFQLDASRARCVDIDECRE
 LNQRGLLCKSERCVENTSGSFRCVCKAGFARSRPHGACVPQRRRTTRTRPLEQKLISE
 EDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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Protein Families	Transmembrane
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Full Length	Full L.
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GENE INFORMATION

Gene Name	LTBP3 latent transforming growth factor beta binding protein 3 [Homo sapiens (human)]
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Official Symbol	LTBP3
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Synonyms	DASS; LTBP2; LTBP-3; STHAG6; pp6425; GPHYSD3
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Gene ID	4054
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mRNA Refseq	NM_001130144.3
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Protein Refseq	NP_001123616.1
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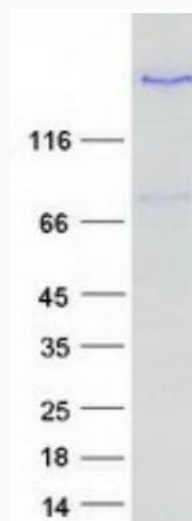
MIM	602090
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UniProt ID	Q9NS15
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Coomassie blue staining of purified LTBP3 protein.

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