

Product datasheet for TP527301

Ltbp3 (NM_008520) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse latent transforming growth factor beta binding protein 3 (Ltbp3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227301 representing NM_008520 Red=Cloning site Green=Tags(s)
	<p>MPGPRGAAHGLAPAMRQAGALGLLALLLALLLPGGGGAEGGPAGERGTGGGGALARERFKVVFAPVICKR TCLKGQCRDSCQQGSNMTLIGENGHSTDTLTGSGFRVWCPLPCMNGGQCSSRNQCLCPPDFTGRFCQVP AAGTGAGTGSSGPGGLARTGAMSTGPLPLAPEGESVASKHAIYAVQVIADPPGPGEGPPAQHAAFLVPLG PGQISAEVQAPPPVNVVRVHHPPEASVQVHRIEGPNAEGPASSQHLLPHPKPQHPRPPTQKPLGRFCQDT LPKQPCGSNPLPGLTKQEDCCGSIGTAWGQSKCHKCPQLQYTG VQKPGPVRGEVGADCPQGYKRLNSTHC QDINECAMPGMCRHGDCLNPNPGSYRCVCPGHSLGPSRTQCIADKPEEKSLCFRLVSTEHQCQHPLTTRL TRQLCCCSVGKAWGARCQRCPADGTA AFKEICPAGKGYHILTSHQTLTIQGESDFSLFLHPDGP KPPQQL PESPSRAPPLEDTEERGV TMDPPVSEERSVQQSHPTTTTSPRPYPPELISRPSPTFHRFLPDLPPSRS AVEIAPTQVTETDECLNQNICGHGQCVPGPSDYSCHCNAGYRSH PQHRYCVDVNECEAEPCGPGK GICM NTGGSYNCHCNRGYRLHVGAGGRSCVDLNECTKPHLCGDGGFCINFP GHYKNCNCPGYRLKASRPICED IDECRPSTCPDGK CENKPGSFKCIACQPGYRSQGGGACRDVNECSEGT PCSPGWCENLPGSYRCTCAQG YEPAQDGLSCIDVDECEAGKVCQDGICTNTPGSFQCQCLSGYHLSRDRSR CEDIDECDFPAACIGGDCIN TNGSYRCLCPQGHRLVGG RKCQDIDECSQDPGLCLPHGACENLQGSYVCV CDEGFTLTQDQHGCEEVEQP HHKKECYLNFDDTVFCDSVLATNVTQEQCCCSL GAGWGDHCEIYPCPVYSSAEFHS LCPDGKGYTQDNNI VNYGIPAHRDIDECILFGAEICKEGKCVNTQPGYECYCKQGFYDGNLLECVDVDECLDESNCRNGVCEN TRGGYRC ACTPPAEYSPAQRQCL SPEEMEHAPERREVCWGQRGEDGMCMGPLAGPALTFDDCCCRQGRGW GTQCRPCPPRGTGSQCPTSQSESNSFWDTSP LLLGKSPRDEDSSEEDSDECRCVSGRCVPRPGGAVCECP GGFQLDASRARCVDI DECRELNQRGLLCKSERCVNTSGSFRVCVCKAGFTRS RPHGACVPQRRR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	134.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_032546
Locus ID:	16998
UniProt ID:	Q61810
RefSeq Size:	5209
Cytogenetics:	19 4.34 cM
RefSeq ORF:	3759
Synonyms:	Ltbp2; mFLJ00070
Summary:	Key regulator of transforming growth factor beta (TGFB1, TGFB2 and TGFB3) that controls TGF-beta activation by maintaining it in a latent state during storage in extracellular space. Associates specifically via disulfide bonds with the Latency-associated peptide (LAP), which is the regulatory chain of TGF-beta, and regulates integrin-dependent activation of TGF-beta.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified Ltbp3 protein (Cat# TP527301). The protein was produced from HEK293T cells transfected with Ltbp3 cDNA clone (Cat# [MR227301]) using MegaTran 2.0 (Cat# [TT210002]).