

## Product datasheet for TP326379L

### LTBP3 (NM\_001130144) Human Recombinant Protein

#### Product data:

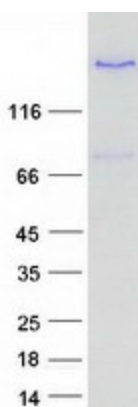
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens latent transforming growth factor beta binding protein 3 (LTBP3), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC226379 representing NM_001130144 Red=Cloning site Green=Tags(s)
	<p>MPGPRGAAGGLAPEMRGAGAAGLLALLLLLLLLLLLGLGGRVEGGPAGERGAGGGGALARERFKVWFAPVI            CKRTCLKGQCRDSCQQGSNMTLIGENGHSTDLTGSGRVWVCLPCMNGGQCSSRNQCLCPPDFTGRFC            QVPAGGAGGGTGGSGPGLSRTGALSTGALPPLAPEGDSVASKHAIYAVQVIADPPGPGEGPPAQHAAFLV            PLGPGQISAEVQAPPPVNVRVHHPPEASVQVHRIESSNAESAAPSQHLLPHPKPSHPRPPTQKPLGRFC            QDTLPKQPCGSNPLPGLTKQEDCCGSIGTAWGQSKCHKCPQLQYTG VQKPGPVRGEVGADCPQGYKRLNS            THCQDINECAMPGVCRHGDCLNPNPGSYRCVCPGHS LGPSRTQCIADKPEEKSLCFRLV SPEHQCHPLT            TRLTRQLCCCSVGKAWGARCQRCPDGTAAFKEICPAGKGYHILTSHQTLTIQGESDFSLFLHPDGP PKP            QQLPESPSQAPPPEDTEERGVTTDSPVSEERSVQQSHPTATTTPARPYPELISRPSPTMRWFLPDLPP            SRSAVEIAPTQVTETDECR LNQNICGHGECVPGPPDYSCHCNPgyrshpQHRYCVDVNECEAEPCGPGRG            ICMNTGGSYNCHCNRGYRLHVGAGGRSCVDLNECAKPHLCGDGGFCINFPGHYKCNCPGYRLKASRPPV            CEDIDECRDPSSCPDGKCNKPGSFKCIACQPGYRSQGGGACRDVNECAEGSPCSPGCWENLPGSFRCTC            AQGYAPAPDGRSCLDVDECEAGDVCDNGICSNTPGSFQCQCLSGYHLSRDRSHCEDIDECDFPAACIGGD            CINTNGSYRCLCPQHRLVGGGRKCQDIDECSDPSLCLPHGACKNLQGSYVCVDEGFTPTQDQHGCEEV            EQPHHKKECYLNFDDTVFCDSVLATNVTQQECCCSLGAGWGDHCEIYPCPVYSSAEFHSLCPDGKGYTQD            NNIVNYGIPAHRDIDECMLFGSEICKEGKCVNTQPGYECYCKQGFYDGNLLECDVDECLDESNCRNGV            CENTRGGYRCACPPAEYSPAQRQCLSPEEMDVDECQDPAACRPGRCVNLPGSYRCECRPPWVPGPSGRD            CQLPESPAERAPERDVCWSQRGEDGMCAGPLAGPALTFDDCCCRQGRGWGAQCRPCPPRGAGSHCPTSQ            SESNSFWDTSPLLL GKPPRDEDSSEEDSDECRCVSGRCVPRPGGAVCECPGGFQLDASRARCVDIDECRE            LNQRGLLCKSERCVNTSGSFRVCVCKAGFARSRPHGACVPQRRR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	135.2 kDa



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<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001123616</a>
<b>Locus ID:</b>	4054
<b>UniProt ID:</b>	<a href="#">Q9NS15</a> , <a href="#">Q8WYU6</a>
<b>Cytogenetics:</b>	11q13.1
<b>RefSeq ORF:</b>	3909
<b>Synonyms:</b>	DASS; GPHYS3; LTBP-3; LTBP2; pp6425; STHAG6
<b>Summary:</b>	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.[provided by RefSeq, Jan 2010]
<b>Protein Families:</b>	Transmembrane

### Product images:



Coomassie blue staining of purified LTBP3 protein (Cat# [TP326379]). The protein was produced from HEK293T cells transfected with LTBP3 cDNA clone (Cat# [RC226379]) using MegaTran 2.0 (Cat# [TT210002]).