

Product datasheet for RN217564

Ltbp3 (NM_001191561) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ltbp3 (NM_001191561) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ltbp3
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN217564 representing NM_001191561
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGCCCGGGCCCCGAGGGGCTGCCCGGGCCTGGCCCCTGCGATGCGCCAGGCGGGGGCATCGGGGCTGC
 TGGCGCTACTGCTGTGGCGTGTGGCCCGGGCGGGCGGAGGGGGGCCGGCCGGCAGCGGGG
 CACAGGCGGGGGCGGGCGCTGGCCCGGAACGCTTCAAGGTGGTCTTTGCGCCGGTGATCTGCAAGCGG
 ACCTGTCTGAAGGGCCAGTGTGGGACAGCTGTCAGCAGGGCTCCAATATGACGCTCATCGGAGAGAACC
 GCCACAGCACCGACAGCTCACCGTTCTGGCTCCCGTGGTGGTGTGCCCTTACCCTGCATGAACCG
 TGGCCAGTGTCTCTCCGAAACAGTGCCTGTGTCCCGGATTTACAGGGCGCTTCTGCCAGGTGCTC
 GCCGAGGAAGTGGAGCCGGCACCGCAGTTCAGGCCCGGACTGGCCCGGACCGGAGCCATGTCCACAG
 GCCGCTGCCGCCCTTGTCCCAGAAGGAGAGTGTGTGGCTAGCAAACACGCCATTTATGCGGTGCAGGT
 GATCGCAGATCTCCCGGGCCGGGGAGGGTCTCCTGCACAACATGCAGCCTTCTTGGTCCCCCTGGGG
 CCAGGACAAATCTCAGCAGAAGTGCAGGCTCCGCCCTGTGGTGAACGTGCGTGTCCATCACCTCCTG
 AAGCTTCCGTTCCAGTGCACCGCATCGAGGGCCGAATGCTGAAGTCCAGCCTCCTCCAGCACCTGCT
 GCCGATCCCAAGCCCCGACCCGAGGCCACCCACCAAAAACCACTGGGCCGCTGCTCCAGGACACA
 CTGCCAAGCAGCCTTGTGGCAGCAACCTTTGCCGGCCTCACCAAGCAGGAAGATTGCTGCGGTAGCA
 TCGGTACTGCCTGGGACAAAGCAAGTGTCAAGTGCACAGCTTCAAGTATACAGGGGTGCAGAAAGCC
 AGGACCTGTACGTGGGAGGTGGTGTGACTGCCCCAGGGCTACAAGAGGCTCAACAGCACCCACTGC
 CAGGACATCAACGAATGTGTGATGCCCGCATGTGTGCCATGGTACTGTCTCAACAACCTGGCTCTT
 ACCGCTGTGTCTGCCCGCTGGTTCATAGCTGGTCCCTCGCGCACACAGTGCATTGCCGACAAACCAGA
 GGAGAAGAGCCTGTGTTCCGCCCTGTGAGCACTGAGCATCAGTGCCAGCACCCACTGACCACACGCCTC
 ACACGCCAGCTCTGCTGTGCAGTGTGGTAAAGCCTGGGGCGCCGGTCCAGCGCTGCCAGCAGATG
 GTACAGCAGCCTCAAGGAGATCTGCCCGCTGGGAAAGGGTACCATATCCTCACCTCCCACCAGACCTT
 CACCTCCAGGGTGAAAGTATTCTCCCTCTTCCCTGACCCCTGATGGGCCACCAACCCAGCAGCTT
 CCTGAAAGCCCCAGCCGAGCACCAGCACTCGAGGACACAGAGGAAGAGAGAGAGGACTTGGACCCAC
 CAGTGAGCGAGGAGCGATCGGTGCAACAGAGCCACCCACTACCACCACCTCACCTGCCCGCCTTACCC



[View online »](#)

AGAGCTGATCTCTCGCCCCTCCCCACCTACCTTCCACCGATTCTGCCAGACTTGCCCCATCCCCAAGT
 GCGGTGGAGATCGCCCCACTCAGGTCACAGAGACCGATGAGTGCCGATTGAACCAGAACATCTGTGGCC
 ATGGACAGTGTGTGCCTGGCCCCCGGATTACTCTGCCACTGCAACCCGGGCTACCGGTACATCCACA
 GCACCGATATTGTGTTGATGTGAACGAGTGTGAGGCAGAGCCCTGCGGTCCCGGGAGAGGCATCTGCATG
 AACACTGGTGGCTCCTATAATTGCTACTGCAACCGAGGCTACCGCTCCACGTGGGTGCAGGGGGCCGCT
 CGTGCGTGGACCTAACGAGTGCGCCAAGCCTCATCTGTGTGGTGACGGTGGCTTCTGCATCAACTTTCC
 TGGTCACTACAAATGCAACTGCTATCCTGGCTACCGGCTCAAGACCTCAGACCACCCGTTTGCGAAGAC
 ATCGACGAATGTCGCGACCCTAGCACCTGCCCTGATGGCAAATGTGAAAACAAACCTGGCAGCTTCAAGT
 GCATCGCCTGCCAGCCTGGCTATCGCAGCCAGGGGGCGGAGCCTGTCTGATATCAACGAATGCTCCGA
 GGGGAGCCCTGCTCTCCTGGATGGTGTGAGAACCTCCCGGGCTTTACC GTTGACGTGTGCCAGGGA
 TACGAGCCCGCACTGGATGGCTCAGTTGCATAGACATGGATGAGTGTGAGACCGGGAACATATGCCACG
 ATGGCATCTGCACGAACACACCAGGCTCCTTCCAGTGTCACTGCTCTGGCTATCATCTGTCAAGGGA
 CCGGAGCCATTGTGAGGACATTGATGAATGTGACTTCCCCGCGCCTGCATTGGGGGTGACTGCATCAAT
 ACCAATGGTTCCTACCGATGTCTTTGTCCCAAGGCCATCGGCTGGTGGGAGGCAGGAAGTGCCAAGATA
 TAGATGAGTGCAGCCAGGACCCAGGCTGTGCCTGCCACGGGGCTGCGAGAATCTCCAGGGCTCCTA
 TGCTGTGTCTGCGATGAGGGTTTACACTCACCCAGGACCAGCATGGATGTGAGGAGGTGGAGCAGCCC
 CACCACAAGAAGGAATGCTACCTTAAC TTTGATGACACAGTGTCTGTGACAGTGTATTGGCTACCAATG
 TCACCCAGCAGGAGTGTGTGCTCTCTGGGGCCGGCTGGGAGACCATTGTGAAATCTATCCCTGTCC
 AGTCTACAGCTCAGCTGAATTTACAGCCTGTGTCTGATGGAAAGGGCTACACTCAAGACAACAACATC
 GTGAACTATGGCATTCCAGCCCACCGTGACATCGACGAATGCATATTGTTGGGGCAGAGATCTGTAAGG
 AGGGCAAGTGCCTGAATACGCAACCCGGCTACGAGTGTACTGCAAGCAGGGCTTCTATTACGACGGCAA
 CCTGCTGGAGTGCCTGGATGTGGATGAGTGTGGATGAGTCCAAGTGCAGGAACGGAGTGTGTGAGAAC
 ACACGCGGAGGCTACCGCTGCGCTGCACACCGCCGAGAGTACAGCCCCGCGCAGCCAGTGTCTGA
 GCCCGGAGGAGATGGAGCATGGCCAGAGCGACGAGAAGTATGCTGGGGCCAGCGCGGAGAGGACGGCAT
 GTGATGGGGCCCTGGCGGGACCTGCCCTCACTTTCGATGACTGTTGCTGCCGCCAGGGCCGTGGCTGG
 GGTACCCAGTGCAGACCGTCCCCGCCGCTGGCACTGGGTCCCAGTCCCCGACTTACAGAGTGAAGCA
 ATTCTTTCTGGGATACAAGTCCCCTGCTACTGGGGAAGTCTCCACGAGATGAGGACAGCTCGGAAGGGA
 TTCAGATGAGTGGCGCTGTGTGAGTGGCCGCTGTGTGCCACGGCCAGGAGGGGCAGTATGTGAATGTCT
 GGGGGCTTTCAGCTGGACGCTCCCGTCCCGCTGCGTGGACATTGATGAGTGCCGAGAGCTGAACCAGC
 GCGGGCTGCTGTGCAAGAGTGAAGCGGTGTGTGAACACCAGTGGCTCCTTCCGCTGTGTCTGCAAAGCTGG
 CTTACCCGACGCGCCCTCACGGTGCCTGTGTGCTCAGCGGCCCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191561
- Insert Size:** 3762 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001191561.1](#), [NP_001178490.1](#)

RefSeq Size: 4389 bp

RefSeq ORF: 3762 bp

Locus ID: 83838

Cytogenetics: 1q43

Gene Summary: may mediate extracellular matrix and the immobilization of latent TGF-b complexes to matrix and cell surfaces; may play a role in the pathogenesis of fibrogenic liver diseases by influencing the activity of TGF-b [RGD, Feb 2006]