

Product datasheet for RN207625

Ltbp1 (NM_021587) Rat Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Ltbp1 (NM_021587) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ltbp1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >RN207625 representing NM_021587 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGGAGCCTGGCTCAGGTGGGACTCCTGCTCTGGGCAGGGCTGCTAGCGTGGTCTGCGCACGGCC
GGGTGCGGAGGATCACGTACGTGGTGCGCCCGGGCCGGGACTGCCGGCCGGAACCTGCCTCTGGCTGG
GCCCCCGGGACCTTCAACGTCGCACTGGACGCCAGGTACAGCCGGAGCTCAACAGCCACCTCCAGCCGC
TCCTTGGCCGGGCCCCAGCCGAGCGGACCCGGCGCACCCAGCCAGCTGGCGGCGCGGCCCTGCCGGGC
TCCGATCTCCGCTGCCACCCGAGCCCGCGCTCCGGGGCGCCAGCCGGCAGCTCCACTCAAAGGCCGG
TGCTCAGACCCGGTCACTCGCTTCGCCAAACATGGCAGGCAAGTCGTGCGCTCCAAAGTCAGCAGGAC
ACGCAGAGCTCCGGGGCTCCAGACTGCAGTTACGAGAAAGCAGCAGCTGCAGGGGATCAATGTCTGTG
GAGGGCAGTGCTGCCATGGGTGGAGTAAGGCCCGGGCTCCAGAGGTGCACCAAACCAAGCTGTGTTC
ACCATGCCAGAAATGGAGGGATGTGTCTCCGGCCTCAGTTCTGTGTGTGAAGCCAGGGACAAAGGGCAA
GCCTGCGAGATCACAGCTGCCAGGACACCATGTACCAGTGTGGAGGGCAGAACCCTGGCTCCTCGT
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GTGGCACCCCTTGTCTCCAGAATGTGATGATTGGCATGGCCAGACCCAGGAGTATGTGCTCAAGCCCA
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AGCATCTGTAAAGTGACCTGCACCAAGGGCAACTGTCACAACAGCTGCCAGAAGGGGAATACCACCACTC
TCATTAGTGAGAACGGCCATGCAGCCGACACCCTGACAGCCACGAACTTCCGAGTGGTAATTTGCCATCT
TCCATGTATGAATGGTGGCCAGTGCAGTTCAAGGGACAAATGTCAGTGCCTCCAATTTACAGGAAAG
CTTTGCCAGATCCCTGTCTTGGTGCCAGTATGCCTAACTCTACCAGCACGCCAGCAGCCAGGCAAGG
CACTGGGAGTCACTGATCCATTCCACACATACCTTGCCTCTAACCATGACCAACCAGCAAGGGGTCAA
AGTGAATTTCCCCCAACATAGTCAATATCCATGTGAAGCATCCTCTGAGGCTTCTGTGCAGATACAC
CAGGTTTCCAGAATTGATGGCCAGTGGGCCAGAGGGTGAAGAAGTGCAACCGGCCAGTCCCAAGTCT
CTTACCAAGGGCTGCCCGTCCAGAAGACCCAGACAGTCCATTCCACATACTCCACCAGCAGGTCATTCC



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GCATGTGTATCCCGTGGCTGCTAAGACACAACCTGGACGATGCTTCCAGGAAACCATTGGGTACAGTGT
GGCAAAGCGCTCCCTGGCCTTTCAAAGCAAGAGGACTGCTGTGGGACAGTGGGGACCTCCTGGGGCTTTA
ACAAATGCCAGAAATGCCCAAGAAGCAATCCTATCATGGATATACTCAAATGATGGAATGCCTACAAGG
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TGTGCTCAGGCCAGCATCTCTGCTCCCAGGGTCGCTGTGAGAACACAGAGGGAAGTTTCTGTGTATTT
GCCCAGCAGGGTTTATAGCCAGTGAAGGGTTCTAACTGTATAGATGTGGATGAATGTCTGAGGCCGA
TGTGTGTAGGGACGGCCGCTGCATCAACACTGCTGGGGCCTTCCGATGCGAATACTGTGACAGTGGGTAC
CGGATGTCACGACGGGGCCACTGTGAGGATATCGATGAGTGTCTGACCCCAAGTACCTGTCCCGAGGAAC
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TCCTCATGTGTTCTGCCACAAGGGCTACAGCCCCACACCAGACCATAGACACTGTCAAGATATTGATG
AATGTACAGCAAGGGAACCTGTGCATGAACGGGCAGTGCAAAACACTGACGGCTCCTTCCGGTGTACCTG
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CTCTGCTCTACGGGCAGTGCAGGAACACAGAGGGCTCCTTCCAGTGTGTTGTGCAACCAGGGTTACAGAG
CATCTGTGCTTGGAGACCACTGCGAGGATATCAATGAATGCTTGGAGGACAGTAGTGTCTGCCAGGGAGG
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AAGGCTCATTCCACTGTGTCTGTGAACAAGGGTCTCCATCTCTGCAGATGGTCTACTTGTGAAGATAT
TGATGAGTGTGTTAACAACACTGTGTGTGACAGTACGGCTTCTGTGACAACACAGCCGGCTCTTCCGC
TGCTCTGTTATCAGGGCTTTCAAGCCCCACAGGATGGGCAAGGGTGTGTGGATGTGAACGAATGTGAAC
TGCTCAGTGGTGTATGTGGGGAGGCTTTCTGTGAAAATGTGGAAGGGTCTTCTGTGCGTGTGTGCCGA
TGAGAACCAGGAGTACAGCCCCATGACTGGGCAGTGTGCTCCCGGGCTACTGAAGATTCAGGTGTGGAT
CGTCAGCCCAAAGAAGAAAAGAAGGAGTGTATTATAATCTCAATGATGCCAGTCTCTGTGATAACGTGC
TGGCCCCAACGTACCAAAACAAGAGTGTGCTGTACATCGGGCGCCGGCTGGGGAGACAATTGTGAGAT
CTTCCCTTGGCCAGTCCAGGGGACTGCTGAGTTCTCGAAATGTGCCCTAGAGGAAAAGGTTTTGTCCCT
GCTGGAGAATCCTTACGAAACCGTGGTGAAGTACAAGACTACAAGATGCTGACGAATGCCTGCTGTTGGAG
AGGAAATCTGAAAAACGGTTACTGTTTGAACACTCAGCCTGGGTATGAATGCTACTGCAAGGAAGGGAC
ATACTACGATCCTGTCAAATTACAGTGTGTTTATGATGATGGAATGCAAGACCCTAACAGTTGTATCGAT
GGCCAGTGTGTTAATACAGAGGGCTTTACAACCTGCTTTTGCACCCACCAATGGTCTGGATGCCTCTG
AGAAGAGATGTGTGACCCAACCTGAATCAAATGAACAAATAGAAGAAACCGATGTCTATCAAGATCTGTG
CTGGGAGCATCTGAGTGAAGGAGTACGTGTGTAGCCGCTCCTTGTAGGCAAGCAGACGACATACACAGAG
TGCTGCTGTTGTACGGGGAGGCATGGGGCATGCAGTGTGCTCTGCCCCATGAAGGACTCAGATGACT
ATGCCAGCTGTGCAACATCCCTGTGACAGGACGGCGGACCATATGGACGGGATGCGTTGGTGGACTT
CAGTGAACAGTATGGCCAGAAACAGACCCTTACTTCAATCAGGATCGCTTCTAAACAGCTTTGAGGAG
CTACAGGCTGAGGAATGTGGCATCCTCAACGGCTGTGAAAATGGCCGCTGTGTAAGGTTTACGGAAGGTT
ATACTTGGATTGCTTTGATGGATATCATCTGGATATGGCAAGATGACCTGTGTTGATGTAATGAATG
CAGCGAGCTGAATAATCGGATGTCTCTGCAAGAACGCCAAGTGCATTAACACAGAAGGCTCTACAAA
TGCGTGTGCTACAGGCTACGTACCATCTGACAAGCCCAACTACTGTACACCACTGAACACCGCTTTGA
ATTTAGACAAAGACAGTACCTGGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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| Restriction Sites: | Sgfl-Mlul |
| ACCN: | NM_021587 |
| Insert Size: | 5139 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). |
| 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: | <ol style="list-style-type: none">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: | <u>NM_021587.1</u> , <u>NP_067598.1</u> |
| RefSeq Size: | 6244 bp |
| RefSeq ORF: | 5139 bp |
| Locus ID: | 59107 |
| UniProt ID: | <u>Q00918</u> |
| Cytogenetics: | 6q13 |
| Gene Summary: | large subunit component of masking protein; neutralizes the activity of TGF-beta 1 [RGD, Feb 2006] |