

Product datasheet for RN217673

Ltbp4 (NM_001170336) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ltbp4 (NM_001170336) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ltbp4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217673 representing NM_001170336 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGCCGGCCTGGCCTCGGCTGCCACTGCCCCCTCCTCCTGCTGCTGCCAGCCGCCACATCTG
CTAGCGGCCCCAGTTCAGTCCCAGCCCTATCCAGGCCGTCGAGGACCGGGTGGTCCCGGGCCACCAGGC
CGGTGCTGCTGCCTGTCGTTGCTGCTTAGCCCAGACACCTAGGAGTAGCCACTGCACCCGAGCTTCCTGC
AGGGTCCGGAGCTGCCACCCCGCAGGTGTACAGATCAACAGGGGTGCCAGCCCAACACCTTCGGTGC
CCAGCCCCAGCCGAGTCCGGTGGAGAAGAGACAGGTATCCCTCAACTGGCAGCCACTTTGAGGGA
GGCCCCGAGCTCTGCTGAGGCAAAGGCGGCCCGAGGGCCGTTGGGCCCGGATTGCTGAAAAGAAGGCC
CCACATCGCGCCCTGCCGGCCAGGCCCGGTTTATGTCCCTTGATCTGTCAACGGTGGTGTGTGTG
TGAAGCCTGACCGCTGCCTTTGCCCGGACTTCGCTGGCAAATCTGTCAATTGCATTCTTCGGGGC
CCGGCCCCCGGCCAGCCATGCCGGCCCTTACCCGTTGCGTTTACACAATGCCACTAGCCAATCACCGC
GATGATGAACACGGCGTAGCATCGATGGTGTGAGTGTGCACGTGGAGCACCCCTCAGGAGGCATCGGTGGTGG
TGCACCAGGTGGAACGTGTGTCTGGCCCTGGGAGGAGGCGAACTCTGAAGCCCTAGCCAGGGCTGAAGC
GGCAGCACGGGCCGAGGGCGGCCCTACACAGTGTGGCACAGAGCGCCACGCGAGGACGGCTAC
TCAGACGCTCCGGCTTTGGTACTGTTTCAGGGAAGTGCAGGAAAGCGAATGTGCATCGCCGCTGCCGG
GACTCCGGACGCAGGAAGTATGCTGCCAGGGGAGGGCTTGGCCTGGGGTGTTCATGATTGTACCCCGTG
CGCGGAACACTTGGGGAAGTCCAACCGAGTGTGGTCCAAATGGGCTTTGTCCAACCGGATTCCAAAGA
GTTAATGGGTCTGTGTAGATGTGGATGAGTGCGCCACAGGTGGGCGTTGCCAACACGGAGAGTGTGCCA
ACACTCGTGGCGGTACACGTGTGTATGTCGGATGGTTTCTCCTAGACTCTTCCCGCAGCAGTGCAT
CTCCCAACACGTGATCTCGGAGGCAAAGGGCCCTGCTACAGAGTGTCCAAGATGGCGGATGCTCGCTG
CCCATTCTCGAAATACACCAACAGATCTGCTGCTGTAGCCCGTGGCAAGGCGTGGGGCCGAGGCT
GCCAGCTCTGTCCACTTATGGTTCAGAGGGTTTTCGGGAGATCTGTCCAGCTGGCCCTGGTTACCACTA
TTCAGTCTGACCTCCGCTACAACACCCAGACCCTAAACCCGGATCCACCTCGAGTGACTTTCAATCAG
CCACGTCTCACCTGTCACTCTTAGGCCACCCACAGGTTTTCTGCCACTCGTCGACCTGAGCCCGTCTC
CTGACCCTGGGCCACAGCCTGAAGTCCGGCCTCGACTGAACCCAGCCTCGGCCTGAATTTCCCTGCC



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CAGCATCCCTGCTTGGACCGGTCCAGAGATTCTGAATCAGGTACCTCTCCAGCATGTGTCAGCGAAAT
 CCCCAGGTTTGTGGTCTGGACGCTGCGTTTCTCGGCCAGGCGGTACACCTGTGCCTGCGACCCAGGTT
 TCCGGCTCGGCCCCAGGGCACTCGCTGTATTGACGTAGATGAATGTGCGCCGCTCCCTACACCTGTGC
 TCCTGGACGCTGCGAGAATACACCAGGCAGCTTTCGCTGCGTGTGCGGCACCGGCTTCCGAGCAGGCCA
 CGGGCTACAGAGTGTGGATGTGGACGAGTGCCGCCGAGTGCCGCCCGCTGTGACCGGGGCGTGC
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 TCTTCCGCTGTGTTGCCCGGCTGTTTCTCGGCTCAGCGTGTGAAGAAGATGTGGACGAATGTGCC
 AGCAGCTCCGCCCTGCGGGCCAGGCGCTGCGACAACACCTTGGGTTTATTCCACTGTGCCTGTCCAGC
 TGGCTTCCGCTCCGAGGGCCAGGGGCCCTGCCAAGATGTGGACGAATGTGCCCGAGCCCTCACCT
 TGTGCCTATGGCCGCTGTGAAAACACGGAAGGAGCTTCAAGTGTGTCTGCCCTACAGGCTTCAACCCA
 ACGCTGCGGGCTCCGAGTGCAGGATGTGGATGAGTGTGAGAACCACTTGGCTGTCTGGGCAGGAGTG
 TGTGAACCTACCAGGCTCCTCCAGTCCGGCCCTGCCCTGTGGCTACCACCTCACCGTGGCAGATGC
 ACTGACGTGGACGAATGCAATCCGGCACCCCTTGTGGTCTCCATGGCCAATGCACGAATGCCAAGGCT
 CCTTCCACTGCAGCTGCTCGACAGGTTACCGGGCACCATCTGGTCCAGCCGGGCCCTGTGCAGATATAA
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 ACCTGTGCCCCTGGCTATCGGCCTGGACCTCGTGGAGCATCTTGTCTGGACGTGGACGAGTGCAGTGAGG
 AGGATCTTTGCCAGAGCGGCATCTGTACCAACTGACGGCTCCTTCGAATGCATCTGCTCCTGGACA
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 CTGGCCCCGAGGGCACCTGTGATGACGTGGACGAGTGCCGAGAATATGGCTCTGCGATTTGCGGCGCCA
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 GGGGGCGGTGCCAGGATGTGGATGAGTGCCGGAACCGTCTTCTGCGGTGCCATGTGTCGAGG
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 TTCCTGTGTGTCTGCCCCACCAGCCCTGAGGAGTTCGATCCCATGACTGGACGTTGTGTTCCCCCTCGA
 CTCCTGCAGGCACGTTCCAGGCTCGCAGCCCCAAGCACCTGCCAGCCCCAGTCTCCAGCCAGGCTCC
 CGCCCCCTCCCCACCTCGAAGACCCAGTCTCCAGGCAGGGTCCCGTGGCAGTGGGCGTGTGAGTGC
 TACTTTGACACGGCAGCTCCAGATGCGTGTGACAATATCTTGGCTCGTAACGTGACGTGGCAGGAGTGT
 GCTGTACTGTGGGAGAAGGCTGGGGCAGCGGGTCCGCATCCAGCAGTCCCGGGCACGGAGACAGCTGA
 ATACCAGTCATTGTGCTCCTCACGGCCGGGCTACCTAGTCCAGTGGAGACCTGAGTCCCGGAGAGAT
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 ACTCTTGCTATTGCAACACGGCTTCTACTATCATGCGCACAGGCTGGAATGCGTTGATAATGACGAATG
 TGCCGACGAGGAGCCCGCTTGTGAAGGTGGCCGCTGCGTGAACACGGTGGGCTCTTACCCTGTACCTGC
 GAGCCCCACTGGTGTGGACGGCTCCAGGCGACGCTGCGTCTCCAATGAGAGCCAGAGCCTTGATGACA
 ATCTGGGAGTGTGCTGGCAGGAAGTCCGGCCTGATCTCGTCTGCAGTCCGCCACGACTAGACCGGACGC
 CACCTACACAGAGTGTGCTGTCTATGGTGAAGCCTGGGGTATGGACTGTGCTCTGTCTCCTGCCAG
 GACTCAGATGATTTTGGGCTCTTTGCAATGTGCTGCGCCACCTGCTTATGGCCGCCACGCCCCGGGTG
 GCTTTGGACTTCTTATGAATATGGCCAGATATAGGCCACCTTATCAGAGTCTCCCCTATGGCCAGA
 TCTGTATCCACCACCTGTGCTACCTATGACCCCTACCCACCCACCTGGACCTTTGCTCGCCGGGAG
 GCCCTTATGGTCCCCGCCCTCGAAAATGCCGACTTTGAGGATGATGGTACCCTATGGCGAGACTG
 AGGCTCCTGACCCACCAAGCCGAGGCACTGGTTGGCCATATCGGTCCAGAGACACCCGTGGCTCCTTCCC
 AGAGCCTGAGGAATCCTCTGAGCGTGGAAGCTATACAGGAGCCTTGTCTGAGCCCTATGAGGGCCTAGAG
 GCCGAGGAGTGTGGTATCCTGGATGGCTGCGCCCACGGCCGCTGTGTACGTGTTCCAGAAGGCTTCACT
 GTGATTGTTTTCGACGGCTACCGCTGGACATCACCCGATGTCTGCGTGCACATCAACGAGTGTGACGA
 GGCTGAGGCAACCTCCCCACTCTGCGTCAATGCGCGCTGTGTCAACTGATGGTTCCTTCCGCTGTATT
 TGCCGTCCGGATTTGCACCCACGCACCAACCACATCACTGTGCGCTGCTGCACCTCGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001170336
Insert Size:	4896 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:	<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_001170336.1</u> , <u>NP_001163807.1</u>
RefSeq Size:	5157 bp
RefSeq ORF:	4896 bp
Locus ID:	292734
Cytogenetics:	1q21