

Product datasheet for **RN210089**

Ltbp2 (NM_021586) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ltbp2 (NM_021586) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ltbp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210089 representing NM_021586 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAGCACCTCCCTGCGAGGTCTCCGGTGCCACAGCTCTGCAGCCACTCTGGCGCCATGAGGGCGC
CGACCACCGTCCGCTGCTCCGGACGCATCCAAAGGGCGCGTTGGAGGGGCTTCTGCCACTTGTCTCTGGC
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AGCCCGACGCGCCGGTCCCGGGTGTGCGCCTCTGAGTGAATCAGCCGGGCCAGGGGATCCCTGGGAG
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CGCTCGGGCTGGAGAGGCCCTCGGCCACCACCAGTGCCGTCAGGCATTATGGACTTCTGGCCAGTGT



TACCTGAGCACGGTGAATGGACAGTGTGCTAACCCCTAGGGGAGCTGACTTCTCAGGAAGACTGCTGTG
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GAGTGTGCTCGACCCAGGGTCCAGATGGGGGAAACCTGTGATCCCTGCCATCTGAGGACTCAGTTG
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CATGTATACAGATGCCGACGAGTGCATACTGTTGGGCTGCTCTGCCAGAATGGCCGATGCCCTCAAC
ACAGTGCCTGGCTACATTTGCCTGTGCAACCCTGGCTACCACTATGATGCCGTGAGCAGGAAGTGCAGG
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CCTTGGTGGGCACCATACTACCTATACAGAGTGTGCTGCCAAGACGGGAGGCTGGAGCCAGCAGTGT
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CTCCAACACAGCCAGTCAATTTGGGAGACAACACCCATCCTTGAGCCTCCTCTGAGCCCTCTGAACCT
CAGCCCCACTATATCCCCAGCCATTGAAACCCCTGGCTTCTTCCGAAGGCTTCCAGGCTGAGGAATGTG
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AGGCTTCCAGCTGGATACAGCCCTCATGGCCTGTGTGGATGTGAATGAGTGTGAAGACCTGAACGGGCT
CGGCACTCTGTGCGCATGGTCACTGCGAGAACACAGAGGGTTCCATCGCTGCCACTGTTCCCCTGGT

ACGTGGCAGAGCCCGGGCCCCCACACTGTGCAGCCAAGGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_021586
Insert Size:	5364 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_021586.2</u> , <u>NP_067597.2</u>
RefSeq Size:	6468 bp
RefSeq ORF:	5364 bp
Locus ID:	59106
UniProt ID:	<u>O35806</u>
Cytogenetics:	6q31
Gene Summary:	induced by TGFbeta1 and also acts to further activate TGF-beta1 signaling [RGD, Feb 2006]