

Product datasheet for **SC122324**

LACTB2 (BC000878) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LACTB2 (BC000878) Human Untagged Clone
Tag:	Tag Free
Symbol:	LACTB2
Synonyms:	CGI-83; lactamase, beta 2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC000878 edited
ACTCGCTATCCCCGGCCTGTTGGCTTCTCCGCGCTGGAGTATCCAGATAGGCGACACGC
CGCGGGCGGCTGAGCGGGAATGGCTGCTGTACTGCAGCGCGTCGAGCGGCTGTCCAAT
CGAGTCGTGCGTGTGTTGGCTGTAACCCGGGTCCCATGACCCTCCAAGGCACCAACACC
TACCTAGTGGGACCGGCCCCAGGAGAATCCTCATTGACTGGAGAACCAGCAATTCCA
GAATACATCAGCTGTTTAAAGCAGGCTCTAACTGAATTTAACACAGCAATCCAGGAAATT
GTAGTGACTCACTGGCACCAGATCATTCTGGAGGCATAGGAGATATTTGTAAAAGCATC
AATAATGACTACTTATTGCATTAATAAACTCCACGGAATCCTCAGAGAGAAGAAATT
ATAGGAAATGGAGAGCAACAATATGTTTATCTGAAAGATGGAGATGTGATTAAGACTGAG
GGAGCCACTCTAAGAGTTCTATATACCCCTGGCCACTGATGATCACATGGCTCTACTC
TTAGAAGAGGAAAATGCTATCTTTCTGGAGATTGCATCCTAGGGGAAGGAACAACGGTA
TTTGAAGACCTCTATGATTATATGAACTCTTTAAAGAGTTATTGAAAATCAAAGCTGAT
ATTATATATCCAGGACATGGCCCAGTAATTCATAATGCTGAAGCTAAAATTCAACAATAC
ATTTCTCACAGAAATATTCGAGAGCAGCAAATCTTACATTATTTTCGTGAGAACTTTGAG
AAATCATTTACAGTAATGGAGCTTGAAAAATTTTACAAGAATACTCCTGAGAATTTA
CATGAAATGGCTAAACATAATCTCTTACTTCATTTGAAAAACTAGAAAAAGAAGAAAA
ATATTTAGCAACACAGATCCTGACAAGAAATGAAAAGCTCATCTTTAGTTTCAGATTTAA
GAAAGCTTTGTTTTATTTTGCTTTGAGAGAATGGTATGTTTTCTAACTATAGGTTATTT
TATAGAGAATATAAAAGTATAAAACATTAATAAAATACCCCTAGAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC000878 unedited TTTTCATTTGTAACGACTCATATAGGCGGCACGCGATTCCCAGGATATCGTCGACCCAC GCGTCCGACTCGCTATCCCCGGCCTGTTGGCTTCTCCGCGCTGGAGTATCCAGATAGGC GACACGCCGGCGGGCGGCTGAGGCGGGAATGGCTGCTGTACTGCAGCGCGTCGAGCGGCT GTCCAATCGAGTCGTGCGTGTGTTGGGCTGTAACCCGGGTCCCATGACCTCCAAGGCAC CAACACCTACCTAGTGGGACCGGCCCCAGGAGAATCCTCATTGACTGGAGAACCAGC AATTCAGAATACATCAGCTGTTTAAAGCAGGCTCTAACTGAATTTAACACAGCAATCCA GGAAATTGTAGTACTCACTGGCACCGAGATCATTCTGGAGGCATAGGAGATATTTGTAA AAGCATCAATAATGACTACTACCTATTGCATTAATAAACTCCCACGGAATCCTCAGAGAGA AGAAATTATAGGAAATGGAGAGCAACAATATGTTTATCTGAAAGATGGAGATGTGATTA GACTGAGGAGCCACTCTAAGAGTTCTATATACCCTGGCCACTGATGATCACATGGC TCTACTCTAGAAGAGGAAAATGCTATCTTTCTGGAGATTGCATCCTAGGGGAAGGAAC AACGGTATTTGAAGACCTCTATGATTATATGAACTCTTTAAAAGAGTTATTGAAAATCAA AGCTGATATTATATCCAGGACATGGCCAGTAATTCATAATGCTGAAGCTAAAATTCA ACAATACATTTCTCACAGAAATATTCGAGAGCAGNCAATTCTTACATTATTTCTGAGAA ACTTTGAGAATCATTTACAGNTATGGAGCTTGTAAAAATATTTANCAGATACTCCTGAGA TTGACATGAATGGCTAANNCATATCTCTACTCATTGAAAAA
Restriction Sites:	Please inquire
ACCN:	BC000878
Insert Size:	1079 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:	BC000878.1 , AAH00878.1
RefSeq Size:	1079 bp
Locus ID:	51110
Cytogenetics:	8q13.3
Gene Summary:	Endoribonuclease; cleaves preferentially 3' to purine-pyrimidine dinucleotide motifs in single-stranded RNA. The cleavage product contains a free 3' -OH group. Has no activity with double-stranded RNA or DNA. Required for normal mitochondrial function and cell viability. [UniProtKB/Swiss-Prot Function]