

Product datasheet for SC113936

LAX1 (NM_017773) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LAX1 (NM_017773) Human Untagged Clone
Tag:	Tag Free
Symbol:	LAX1
Synonyms:	LAX
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113936 sequence for NM_017773 edited (data generated by NextGen Sequencing) <pre> ATGGATGGTGTCACTCCAACCCCTTCGACAATCAGAGGGAGGACCTTGGAGTCCAGCACT CTGCATGTGACTCCCCGAGCCTGGACAGAAATAAGACCAGATCACCAACATCTTTCC GGGTTTGCGGGACTCCTCGCCATCCTCCTGGTCGTTGCGGTTTTCTGCATCTTGGAAT TGAATAAACGGAAGAAGCGACAAGTTCCTTACCTCCGAGTTACCGTCATGCCCTTGCTG ACTTTGCCACAAACCAGACAAAGAGCCAAAAATATTTATGACATCTTGCCTTGCGCAGAC GAAGACCTGGGGAGACATGAGTCGAGGAGTATGCGCATTTTCAGTACTGAGAGCCTCCTC TCCAGAAATTCTGAGAGCCCGGAGCATGTGCCCTCCCAAGCAGGCAATGCCTTCCAGGAG CATACAGCCCACATCCATGCCACAGAGTACGCGGTGGGTATCTATGACAACGCCATGGTC CCCCAGATGTGTGGGAACCTCACTCCCTCGGCACACTGCATCAATGTCAGAGCTTCCAGA GACTGCGCAAGCATTTCTTCAGAGGATTGCGATGATTATGTCAATGTCCCCACAGCAGAA GAGATTGCTGAGACTCTAGCTTCTACCAAAAGCCCTTCCAGAAATCTCTTTGTTCTTCCC AGTACCCAGAAGCTGGAGTTTACTGAGGAAAGAGATGAGGGCTGTGGAGATGCTGGTGAC TGCACCAAGTTTGTATTCTCCAGGAGCTGAGGACAGTGATTCACTCAGCAATGGAGAAGGT TCTTCTCAGATCTCAAATGACTATGTCAACATGACAGGGTTGGATCTCAGTGCCATCCAG GAAAGGCAGCTCTGGGTGGCTTTTCAGTGCTGCAGAGACTATGAAATGTTCCAGCAGCA GATCCCAGTGGAAGCCAGCAGAGGCTGAGAAAGATGTGCCATCCTCAAACATAGGTCAT GTCGAGGACAAGACAGATGATCCCGGACCCATGTCCAATGTGTCAAAAGGACATTCTT GCTTCAGGGGATTATGCAGACTTTCAGCCATTACACAGAGTGAGGACAGTCAGATGAAA CATAGAGAAGAGATGTCAAATGAGGACTCCAGTGACTATGAAATGTGCTAACTGCCAAG TTAGGAGGCAGGGACTCTGAGCAGGGGCTGGCACTCAGCTCCTTCTGATGAATGA </pre>

Clone variation with respect to NM_017773.3



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017773 unedited
 NCGTTTCAACAATATTTGTATACGACTACTATAGGGCGGCCGGAATTCGGCACGAGGGA
 AAACGTGAAGGCAGAGGCCACAGATTCTCCCTGAGCCACCTCACTTGGAAGCACCATGTC
 CGGATGAGATCGCACTTCTGCACTGGGCTAGCCACGTCAGGTAGAACCAAACTGT
 TGCTTTTGTATGTTGGGTCAACTTGGCTGACGTTTCAGAGGTAGACACGAGATAGGGAG
 TTTGTTGCGGGGTGGGAGAAAGTGGTAGACATGCTGGCTAACTGATTATGATTAAGAGA
 AACTTAGAAGCTGAAGCCAGAGAGCATCTCAAAGGTTCTGATACAATGGATGGTGTCAC
 TCCAACCTTTTCGACAATCAGAGGGAGGACCTTGGAGTCCAGCACTCTGCATGTGACTCC
 CCGCAGCCTGGACAGAAATAAGACCAGATCACCAACATCTTTTCCGGGTTTGGCGGACT
 CCTCGCCATCCTCTGGTCGTTGCGGTTTTCTGCATCTTGTGGAATTGGAATAAACGGAA
 GAAGCGACAAGTTCCTTACCTCCGAGTTACCGTCATGCCCTTGCTGACTTTGCCACAAAC
 CAGACAAAGAGCCAAAAATTTTATGACATCTTGCCTTGGCGACAGGAAGACCTGNGGAG
 ACATGAGTCGAGGAGTATGCGCATTTTTCAGTACTGAGAGCCTCCTCTCCAGAAATTCTGA
 GAGCCCGGAGCATGTGCCCTCCAAGCAGGCAATGCCTTCCAGGAGCATACAGCCACAT
 CCATGCCACAGAGTACGCGGTGGGTATCTATGACAACGCCATGGTCCCCCAGATGTGTGG
 GAACCTCACTNNCTCGCACACTGCATCAATGTCAGAGCTTCCAGAGACTGCGCAAGCAT
 TTCTTCAGAGGATCGCATGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017773 unedited
 TCTATGGCCGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTGGAGAGGGAGTC
 TCGCTCTGTACCAAGGCTGTGATACAGTGGCACAATCTCGGCTTGCTGCAACCTCCACCT
 CCCGGGTTCAAGCGATTCTCTGCTTCAGCCTCCTGAGTAGCTGGGATTACAGGGGCACA
 CCACCACGCTGGCTAATTTTTGTATTTTATAGTAAAGATGGGCCATGTTGGCCAGGCTGG
 TCTAGAACTCCTGGCACCAAGTATCTGCCTCCTCGGACTACCAAAATGCTGGGATTAC
 AGGCATGAGCCGCTGCACCTGGCCTGCCTACACTCTTTAACTGCAAATTGCCACCCCCA
 CTCCACTCCAATTTGTTCTTCTTTTACCTCTGACTGGATTATACCATACCCTATCCT
 CTCGCTTTGCACTCTGTTGGCACCAATGAAGGTAATAATCTTACACTACTGCGCACTACT
 TTAAGTATTTCTTACAGCCCTAGCACAGCACCTTCCCCACACCTTCTTACGTTGGTACA
 GGCCATACCCCACTCTGCCTGACAACAACCTCCCTCCGGCATTGCCAAAACCTTGCCCTT
 TGTGCGCCCTCTCAGAGCCCGCTCACCTCAGCTGCTTCTAATGTAACCCCGAAGTCTCT
 GCAACCTCTTCTGACCACGGCTCGTCCCTACCACTCTGCCGTCCGACCCCTACGGGCAC
 CACTACCCCGCCCCCATGGCGTGCCCTGCTCCTCCTCCCCCCCCACGACCGATTCT
 CCCACCTCTGCTCCTACACCTTGCTCCACCTGCCCCCAGCGCCTCCCTTCCCGTCCCT
 TTCCCCCGCCACTCCCTTCGCCCTTTTCGTGCTTTCCCCCGCAATGCTTTACCGTCG
 CTACCTCTGCACCAAGCAGCTCCTTCCGCACATGCCCTGGCATCGGTTCCG

Restriction Sites:

NotI-NotI

ACCN:

NM_017773

Insert Size:

2620 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:	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_017773.2, NP_060243.2</u>
RefSeq Size:	3246 bp
RefSeq ORF:	1197 bp
Locus ID:	54900
UniProt ID:	<u>Q8I WV1</u>
Cytogenetics:	1q32.1
Protein Families:	Transmembrane
Gene Summary:	Negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells and BCR (B-cell antigen receptor)-mediated signaling in B-cells.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).