

Product datasheet for MC213107

Lax1 (NM_172842) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lax1 (NM_172842) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lax1
Synonyms:	A530029E09; E430019B13Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC213107 representing NM_172842 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTACAGCACCCGGCCCTCCAGAGGTCACAAGAAGGAAGCTCAGAGCCAGCACTCGGCAGGGGACTC
TTGGCAGCCTGCAGGGAGAGAAAGGCCAGATCATCTTCCCTGGCTTTGTCGTGCTCTGACCATCATCCT
GGTCATCATAGCTGCCTGTATCCTGTGGAGCTGGAAGAAACAGAAGAAGCGGCCTGTTCCCTACTTCCAA
GTAGCTCCATCGTTGACTCTGCCTCCACCCAGACATCGAGCCAAAAATATTTATGACTTCTTGCCCGGC
AGCAGACAGAGCTGGGGAGACATCAGTTGAGTGGTTTCAGTACCGAGAGCCTCCTCTCCAGAGCATCTGA
CAGCCCTGAGCCTGAGGCCCCCAAGCCAATGGTTCCTTCAGATGCATAGAGTGTCCGTTCACTACTGTG
GAGTATTCAGTAAACATCTATGACAATGGCACAGTGCCCCAGATGTGCAGGCACCTGGCCTCCTCAACAC
ATCATGTCTGTGCAGAACTCCAGAAGTAACCCAGCATTCTTCCAAGGAGTCAAATGATTATGTCAA
TATCCCCACAGTAGAGGACACCTGTGAGACTCTAACTCGCATAGAAAGCACTCCTGAAAAACACCTTGGT
CTTCCAAGTGCCCTGCGGCTGGAGTTTGCTGAAGGAGGGCATGCAGGCTGTGGGAATGCCACGGACCAG
ATGGTTTTTGGGCTCCAGGACCAAGTGCAGTGATTCACCTCAGCGCAGGAGACGATTTATCTCAGACTTC
AAATGACTACGTCAATATGACAGGGTTGGATCTTGAGAACATCCAAGAGAATCGACCCAGGGGAGCTTTT
CAGTGCTGCAGAGATTATGAAAATGTCCATGGGTAGATACCAATGAGAGCCAGCTGCCGACTCTGGAAG
AAGTGGCATCGTCAACTGTAGACCACAGGGAACCTGTCTGGAGGACCCTCTTTCAGTGTATCATATGGC
ATTTACAGCCGTCGGCACAGAGTGAGGACAGTGCCATGGTCCATAGAGAAGAGCAGTCAAGCGAAGACTCC
AGTGACTATGAGACTGTGCTGGTTGCTGAGTTAGAAGGCAGGGACTGGAAGCAGGGACCTGGTACTCAGC
ATCCTTCTGATGAAGAACACCAGGCGACCTAGCTGGAAAGCTCTGTGAGGTGGTCTACCCTGCTGGGTC
TTTAGCCACCGAAACATCTGATGAAGATGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_172842
Insert Size:	1224 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_172842.3</u> , <u>NP_766430.3</u>
RefSeq Size:	2273 bp
RefSeq ORF:	1224 bp
Locus ID:	240754
UniProt ID:	<u>Q8BHB3</u>
Cytogenetics:	1 E4
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>