

Product datasheet for **MC213108**

Lax1 (NM_001159649) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lax1 (NM_001159649) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lax1
Synonyms:	A530029E09; E430019B13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213108 representing NM_001159649 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTACAGCACCCCGGCCCTCCAGAGGTCACAAGAAGGAAGTCAAGAGCCAGCACTCGGCAGGGGACTC
TTGGCAGCCTGCAGGGAGAGAAAGGCCAGATCATCTTCCCTGGCTTTGTCGTGCTCCTGACCATCATCT
GGTCATCATAGCTGCCTGTATCCTGTGGAGCTGGAAGAAACAGAAGAAGCGGCCTGTTCTTACTTCCAA
GTAGCTCCATCGTTGACTCTGCCTCCACCCAGACATCGAGCCAAAAATATTTATGACTTCTTGCCCGGC
AGCAGACAGAGCTGGGGAGACATCAGTTGAGTGGTTTCAGTACCGAGAGCCTCCTCTCCAGAGCATCTGA
CAGCCCTGAGCCTGAGGCCCCCAAGCCAATGGTTCCCTTCAGATGCATAGAGTGTCCGTTCACTACTGTG
GAGTATTCAGTAAACATCTATGACAATGGCACAGTGCCCCAGATGTGCAGGCACCTGGCCTCCTCAACAC
ATCATGTCTGTGTGAGAACTTCCAGAAGTAACCCAGCATTCTTCCAAGGAGTCAAATGATTATGTCAA
TATCCCCACAGTAGAGGACACCTGTGAGACTCTAACTCGCATAGAAAGCACTCCTGAAAATCACCTTGGT
CTTCCAAGTGCCCTGCGGCTGGAGTTTGCTGAAGGAGGGCATGCAGGCTGTGGGAATGCCACGGACCAGC
ATGGTTTTTGGGCTCCAGGACCAAGTGCAGTGATTCACTCAGCGACGGAGACGATTTATCTCAGACTTC
AAATGACTACGTCAATATGACAGGGTTGGATCTTGAGAACATCCAAGAGAATCGACCCAGGGGAGCTTTT
CAGTGCTGCAGAGATTATGAAAATGTCCCATGGGTAGATACCAATGAGAGCCAGCTGCCGACTCTGGAAG
AAGTGGCATCGTCAACTGTAGACCACAGGGAACCTGTCTGGAGGACCCTCTCTTCAAGTATCATATGGC
ATTTACGCCGTCGGCACAGAGTGAGGACAGTGCCATGGTCCATAGAGAAGAGCAGTCAAGCGAAGACTCC
AGTGACTATGAGACTGTGCTGGTTGCTGAGTTAGAAGGCAGGGACTGGAAGCAGGGACCTGGTACTCAGC
ATCCTTCTGATGAAGGAACACCAGGCGACCTAGCTGGAAGCTCTGTGAGGTGGTCTACCCTGCTGGGTC
TTTAGCCACCGAAACATCTGATGAAGATGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001159649
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001159649.1, NP_001153121.1</u>
RefSeq Size:	2371 bp
RefSeq ORF:	1224 bp
Locus ID:	240754
UniProt ID:	<u>Q8BHB3</u>
Cytogenetics:	1 E4
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 longer transcript. 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.