

Product datasheet for RN213172

Lancl1 (NM_053723) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lancl1 (NM_053723) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lancl1
Synonyms:	GPR69A; p40
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213172 representing NM_053723 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCAGAGGGCCTTCCGAATCCTTATGCCGATTATAACAAGTCGCTGGCCGAAAACATTTTGATT
CTACTGGGAGGCTGACTCCTGAGTTTTACATCGCTTGACCAATAAGATCCGGGAGCTCCTCAGCAAAT
GGAGAGAGGCCTAAAGTCTGCAGACCCTCAGGACGGCACTGGATACACCGGCTGGCAGGCATTGCTGTG
CTTTACCTTCATCTCCACAATGTGTTGGGGACCCGGCCTATCTGCAGATGGCGCACAGCTATGTAAGC
ACAGCCTCAACTGTTGAGCAGGCGGTCCATCACCTTCTGTGTGGGGACGCGGGCCCCCTGGCTGTGGC
TGCTGTGCTGTACCACAAGATGAACAGCGGGAAGCAGGCAGAGGATTGCATCACACGGCTCATTACCTA
AATAAGATTGATCCCCACGTACCAATGAAATGCTCTACGGCCGCATAGGCTACATCTTCGCTCTGCTTT
TTGTCAATAAGAAGTGGAGAGGAGAAGATTCCTCAGAGCCACATTGAGCAGATTTGTAAACCATCTT
AACCTCTGGGGAGAAGCTGTCTAGAAAGAGAACTTCAACAAGAAATCCCCACTGATGTACGAGTGGTAC
CAGGAGTATTACGTGGGGGCTGCCACGGCTTGGCGGCATTTATTACTACCTGATGCAGCCAGCCTTC
ATGTAAGCCAAGGAAGTTACATAGTTTGGTGAACCCAGTGTAGACTTTGTCTGCCAGCTGAAGTTCCC
TTCTGGCAACTACCCTTCATGTTTGGATGACACCAGAGACTGCTTGTCCACTGGTGCCATGGCGCCCT
GGGTCATCTATATGCTCATCCAAGCATACAAGGTGTTCAAAGAGGAGCATTACCTGTGTGACGCCACG
AGTGTGCTGACGTGATCTGGCAGTACGGGCTACTGAAGAAGGGCTATGGGCTGTGCCACGGTGTGCAGG
GAATGCCTATGCTTCTGGCACTCTATAACCTCACACAAGATGCGAAATACCTGTACAGGGCCTGTAAG
TTTGCTGAGTGGTGTAGACTATGGAGAGCACGGGTGCAGGACACCGGACACGCCCTTCTCTCTTTG
AAGGGATGGCTGGAACGATATTTTCTGGCTGACCTGTTAGTCCCCACAAGGCCAAGTTCCCTGCATT
TGAAC**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053723
Insert Size:	1200 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:	NM_053723.1 , NP_446175.1
RefSeq Size:	1470 bp
RefSeq ORF:	1200 bp
Locus ID:	114515
UniProt ID:	Q9QX69
Cytogenetics:	9q32
Gene Summary:	peptide-modifying enzyme; may be involved in modification and transport of antimicrobial peptides [RGD, Feb 2006]