

Product datasheet for MC208861

Lamp1 (NM_010684) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lamp1 (NM_010684) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lamp1
Synonyms:	CD107a; Lamp-1; LGP-120; LGP-A; P2B; Perk
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208861 representing NM_010684 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCCCGCGCCCGCGCCGCTGCTCCTGCTGCTGCTGGCAGGCCTTGACATGGCGCCTCAG
CACTCTTTGAGGTGAAAAACAATGGCACAACGTGATAATGGCCAGCTTCTGCCTCCTTTCTGACCAC
CTACGAGACTGCGAATGGTTCTCAGATCGTGAACATTTCCCTGCCAGCCTCTGCAGAAGTACTGAAAAAT
GGCAGTCTTGTGGTAAAGAAAAATGTTTCTGACCCAGCCTCACAATTACTTTTGAAGAGGATATTTAC
TGACACTCAACTCACAAAAATACAACACGTTACAGTGTCCAGCATATGTATTTACATATAAATTGTC
AGATACAGAACATTTTCCAATGCCATCAGCAAAGAGATCTACACCATGGATTCCACAACCTGACATCAAG
GCAGACATCAACAAGCATACCGGTGTGTGAGTATCCGGGTCTACATGAAGAATGTGACCGTTGTGC
TCCGGGATGCCACTATCCAGGCCTACCTGTGAGTGGCAACTTCAGCAAGGAAGAGACACTGCACACA
GGATGGACCTTCCCAACCCTGGGCCACCCAGCCCTCACCACCACTTGTGCCCAAAACCCCACTGTA
TCCAAGTACAATGTTACTGGTAAACAACGGAACCTGCCTGCTGGCCTCTATGGCACTGCAACTGAATATCA
CCTACCTGAAAAAGGACAACAAGACGGTGACCAGAGCGTTCAACATCAGCCCAAATGACACATCTAGTGG
GAGTTGCGGTATCAACTTGGTGACCCTGAAAGTGGAGAACAAGAACAGAGCCCTGGAATTGCAGTTTGGG
ATGAATGCCAGCTTAGCCTGTTTTTCTGCAAGGAGTGGCCTTGAATATGACTTTCCTGATGCCCTAG
TGCCACATTGAGCATCTCCAACCATCTGAAAGCTTTCAGGCCACTGTGGGAACTCATACAAGTG
CAACACTGAGGAACACATCTTTGTCAGCAAGATGCTCTCCCTCAATGTCTTCAGTGTGCAGTCCAGGCT
TTCAAGGTGGACAGTGACAGTTTGGTCTGTGGAAGAGTGTGTTGAGGATGGTAACAACATGTTGATCC
CCATTGCTGTGGCGGTGCCCTGGCAGGCTGGTCTCATCGTCCTATTGCCTACCTCATTGGCAGGAA
GAGGAGTACGCCGGCTATCAGACCATCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_010684
Insert Size:	1221 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>BC049097</u> , <u>AAH49097</u>
RefSeq Size:	2266 bp
RefSeq ORF:	1221 bp
Locus ID:	16783
UniProt ID:	<u>P11438</u>
Cytogenetics:	8 5.73 cM
Gene Summary:	<p>Presents carbohydrate ligands to selectins. Also implicated in tumor cell metastasis. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 5' coding region compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>