

## Product datasheet for MR225631

### Lamp1 (NM\_010684) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lamp1 (NM_010684) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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)
ORF Nucleotide Sequence:	>MR225631 representing NM_010684 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGCCCGCGCCCGCGCGCGCTGCTCCTGCTGCTGCTGGCAGGCCTTGCACATGGCGCCTCAG  
CACTCTTTGAGGTGAAAAACAATGGCACAACGTGTATAATGGCCAGCTTCTGCCTCCTTTCTGACCAC  
CTACGAGACTGCGAATGGTTCTCAGATCGTGAACATTTCCCTGCCAGCCTCTGCAGAAGTACTGAAAAAT  
GGCAGTTCCTGTGGTAAAGAAAAATGTTTCTGACCCAGCCTCACAATTACTTTTGAAGAGGATATTTAC  
TGACACTCAACTCACAAAAATACAACACGTTACAGTGTCCAGCATATGTATTTACATATAAATTGTC  
AGATACAGAACATTTTCCAATGCCATCAGCAAAGAGATCTACACCATGGATTCCACAACCTGACATCAAG  
GCAGACATCAACAAGCATACCGGTGTGTGAGTATATCCGGGTCTACATGAAGAATGTGACCGTTGTGC  
TCCGGGATGCCACTATCCAGGCCTACCTGTGAGTGGCAACTTCAGCAAGGAAGAGACACACTGCACACA  
GGATGGACCTTCCCAACCACTGGGCCACCCAGCCCTCACCACCACTTGTGCCACAAAACCCCACTGTA  
TCCAAGTACAATGTTACTGGTAAACAACGGAACCTGCCTGCTGGCCTCTATGGCACTGCAACTGAATATCA  
CCTACCTGAAAAAGGACAACAAGACGGTGACCAGAGCGTTCAACATCAGCCCAAATGACACATCTAGTGG  
GAGTTGCGGTATCAACTTGGTGACCCTGAAAGTGGAGAACAAGAAGAGCCCTGGAATTGCAGTTTGGG  
ATGAATGCCAGCTTAGCCTGTTTTTCTGCAAGGAGTGGCCTTGAATATGACTCTTCTGATGCCCTAG  
TGCCACATTGAGCATCTCCAACCATTCAGTAAAGCTCTCAGGCCACTGTGGGAAACTCATACAAGTG  
CAACACTGAGGAACACATCTTTGTCAGCAAGATGCTCTCCCTCAATGTCTTCAGTGTGCAGTCCAGGCT  
TTCAAGGTGGACAGTGACAGTTTGGTCTGTGGAAGAGTGTGTTGAGGATGGTAACAACATGTTGATCC  
CCATTGCTGTGGCGGTGCCCTGGCAGGCTGGTCTCATCGTCTCATTGCCTACCTCATTGGCAGGAA  
GAGGAGTACGCCGGCTATCAGACCATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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:** [NM\\_010684.3](#)

**RefSeq Size:** 2265 bp

**RefSeq ORF:** 1221 bp

**Locus ID:** 16783

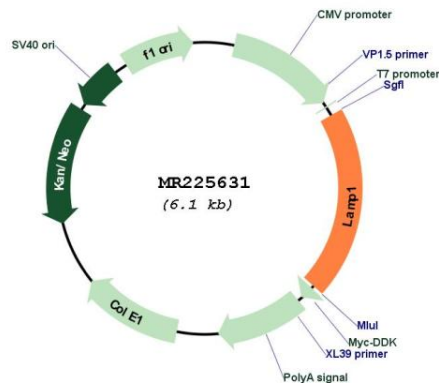
**UniProt ID:** [P11438](#)

**Cytogenetics:** 8 5.73 cM

**MW:** 44.3 kDa

**Gene Summary:** Presents carbohydrate ligands to selectins. Also implicated in tumor cell metastasis. [UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MR225631