

Product datasheet for RN208927

Lamp1 (NM_012857) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lamp1 (NM_012857) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lamp1
Synonyms:	LGP120
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208927 representing NM_012857 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGCCCGGGCGCCCGGGCGCGCTGCTCCTGTTGCTGCTGGCAGGCCTTGCACACAGCGCCCCAG
CACTGTTTCGAGGTGAAAGACAACAACGGCAGCGTGTATAATGGCCAGCTTCTCTGCCTCTTTCTGAC
CACCTATGATGCTGGACATGTTTCTAAGGTCTCGAATATGACCCTGCCAGCCTCTGCAGAAGTCCTGAAG
AATAGCAGCTCTTGTGGTAAAAGAATGCTTCTGAGCCACCCTCGCAATCACCTTTGGAGAAGGATATT
TACTGAACTCACCTTCAAAAAACACAACACGTTACAGTGTCCAGCACATGTATTTACATATAACCT
GTCAGACACAAATTCTTTCCCAATGCCAGCTCCAAAGGGCCCGACACTGTGGATTCCACAACCTGACATC
AAGGCAGACATCAAAAAACATACCGATGTGTCCAGCGACATCAGGGTCTACATGAAGAATGTGACCATTG
TGCTCTGGGACGCTACTATCCAGGCCTACCTGCCGAGTAGCAACTTCAGCAAGGAAGAGACACGCTGCC
ACAGGATCAACCTTCCCAACTACTGGGCCACCCAGCCCTCACCACCCTTGTGCCACAAAACCCAGT
GTGTCCAAGTACAATGTGACTGGTGACAATGGAACCTGCCTGCTGGCCTCTATGGCACTGCAACTCAACA
TCACCTACATGAAGAAGGACAACACGACTGTGACCAGAGCATTCAACATCAACCCAAGTGACAAAATAG
TGGGACTTGCGGTGCCAGTTGGTGACCCTGAAGGTGGGGAACAAGAGCAGAGTCCTGGAGCTGCAGTTT
GGGATGAATGCCACTTCTAGCCTGTTTTCTGCAAGGAGTTCAGTTGAACATGACTCTTCTGATGCCA
TAGAGCCACGTTCAGCACCTCCAATATTCCCTGAAAGCTCTTCAGGCCAGTGTGCGCAACTCATAACA
GTGCAACAGTGAGGAGCACATCTTTGTGAGCAAGGCGCTCGCCCTCAATGTCTTCAGCGTCAAGTCCAG
GCTTTCAGGGTAGAAAGTGACAGGTTTGGGCTGTGGAAGAGTGTGTACAGGACGGTAACAACATGCTGA
TCCCCATTGCTGTGGCGGGCCCTGGCAGGGCTGGTCTCATCGTCTCATCGCCTACCTCATCGGCAG
GAAGAGGAGTACGCGGGCTATCAGACCAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012857
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:	NM_012857.2 , NP_036989.1
RefSeq Size:	2005 bp
RefSeq ORF:	1224 bp
Locus ID:	25328
UniProt ID:	P14562
Cytogenetics:	16q12.5
Gene Summary:	a lysosomal acidic membrane protein [RGD, Feb 2006]