

Product datasheet for MR202835L3

Psma2 (NM_008944) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Psma2 (NM_008944) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Psma2
Synonyms: Lmpc3

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR202835).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_008944

ORF Size: 705 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

Psma2 (NM_008944) Mouse Tagged Lenti ORF Clone - MR202835L3

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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.

RefSeq: NM 008944.2, NP 032970.2

 RefSeq Size:
 963 bp

 RefSeq ORF:
 705 bp

 Locus ID:
 19166

 UniProt ID:
 P49722

 Cytogenetics:
 13 A1

Gene Summary: Component of the 20S core proteasome complex involved in the proteolytic degradation of

most intracellular proteins. This complex plays numerous essential roles within the cell by associating with different regulatory particles. Associated with two 19S regulatory particles, forms the 26S proteasome and thus participates in the ATP-dependent degradation of ubiquitinated proteins. The 26S proteasome plays a key role in the maintenance of protein

homeostasis by removing misfolded or damaged proteins that could impair cellular

functions, and by removing proteins whose functions are no longer required. Associated with

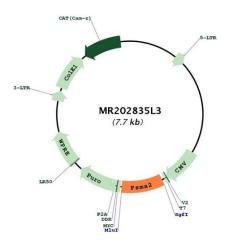
the PA200 or PA28, the 20S proteasome mediates ubiquitin-independent protein degradation. This type of proteolysis is required in several pathways including

spermatogenesis (20S-PA200 complex) or generation of a subset of MHC class I-presented

antigenic peptides (20S-PA28 complex).[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR202835L3