

Product datasheet for MR210123L4

Usp11 (NM_145628) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Usp11 (NM_145628) Mouse Tagged Lenti ORF Clone

Tag: mGFP Symbol: Usp11

Synonyms: 6230415D12Rik; mKIAA4085

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(MR210123).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_145628

ORF Size: 2100 bp



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Usp11 (NM_145628) Mouse Tagged Lenti ORF Clone - MR210123L4

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: <u>NM 145628.2</u>

 RefSeq Size:
 3464 bp

 RefSeq ORF:
 2766 bp

 Locus ID:
 236733

 UniProt ID:
 Q99K46

 Cytogenetics:
 X A1.3

Gene Summary: Protease that can remove conjugated ubiquitin from target proteins and polyubiquitin

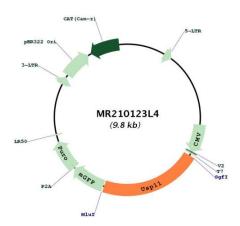
chains. Inhibits the degradation of target proteins by the proteasome. Cleaves preferentially 'Lys-6' and 'Lys-63'-linked ubiquitin chains. Has lower activity with 'Lys-11' and 'Lys-33'-linked ubiquitin chains, and extremely low activity with 'Lys-27', 'Lys-29' and 'Lys-48'-linked ubiquitin chains (in vitro). Plays a role in the regulation of pathways leading to NF-kappa-B activation. Plays a role in the regulation of DNA repair after double-stranded DNA breaks. Acts as a chromatin regulator via its association with the Polycomb group (PcG) multiprotein PRC1-like

complex; may act by deubiquitinating components of the PRC1-like complex.

[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR210123L4