

Product datasheet for MR210640L3

Usp1 (NM_146144) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Usp1 (NM 146144) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Usp1

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(MR210640).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_146144

ORF Size: 2352 bp



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Usp1 (NM_146144) Mouse Tagged Lenti ORF Clone - MR210640L3

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 146144.3</u>

 RefSeq Size:
 3567 bp

 RefSeq ORF:
 2355 bp

 Locus ID:
 230484

 UniProt ID:
 Q8BJQ2

Cytogenetics: 4 C6

Gene Summary: This gene encodes a member of the ubiquitin-specific peptidase family. The encoded protein

acts as a catalytic subunit in a heterodimeric deubiquitinating enzyme complex that

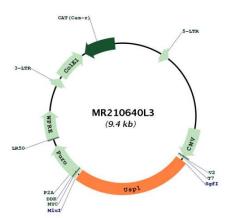
deubiquitinates Fanconi anemia, complementation group D2, and plays a role in homologous recombination-mediated DNA repair. Disruption of this gene is associated with a Fanconi anemia-like phenotype and genomic instability. Alternative splicing results in multiple

transcript variants. Pseudogenes of this gene have been defined on chromosomes 3, 12, and

15. [provided by RefSeq, Aug 2014]



Product images:



Circular map for MR210640L3