

## **Product datasheet for MR220729L3**

### Lrrc25 (NM\_153074) Mouse Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

Product Name: Lrrc25 (NM\_153074) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Lrrc25

Synonyms: Mapa

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(MR220729).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_153074

ORF Size: 891 bp



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#### Lrrc25 (NM\_153074) Mouse Tagged Lenti ORF Clone - MR220729L3

**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 153074.3</u>, <u>NP 694714.1</u>

 RefSeq Size:
 1273 bp

 RefSeq ORF:
 894 bp

 Locus ID:
 211228

 UniProt ID:
 Q8K1T1

 Cytogenetics:
 8 B3.3

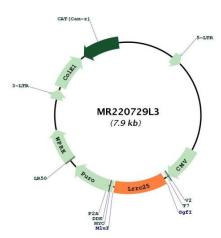
**Gene Summary:** Plays a role in the inhibition of RLR-mediated type I interferon signaling pathway by targeting

DDX58/RIG-I for autophagic degradation. Interacts specifically with ISG15-associated DDX58 to promote interaction between DDX58 and the autophagic cargo receptor p62/SQSTM1 to mediate DDX58 degradation via selective autophagy. Plays also a role in the inhibition of NF-kappa-B signaling pathway and inflammatory response by promoting the degradation of

p65/RELA.[UniProtKB/Swiss-Prot Function]



# **Product images:**



Circular map for MR220729L3