

Product datasheet for MR205646L4

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Oas1g (NM_011852) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Oas1g (NM_011852) Mouse Tagged Lenti ORF Clone

Tag: mGFP Symbol: Oas1g

Synonyms: Al449562; L; L2; Mmu-; Mmu-L; Mmu-L2; O; Oas1b; Oi; Oias-1; Oias1

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(MR205646).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_011852

ORF Size: 1104 bp



Oas1g (NM_011852) Mouse Tagged Lenti ORF Clone - MR205646L4

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 011852.2</u>

RefSeq Size: 1993 bp
RefSeq ORF: 1104 bp
Locus ID: 23960

Cytogenetics: 5 60.65 cM

Gene Summary: This gene encodes a member of the oligoadenylate synthetase family of proteins. This gene

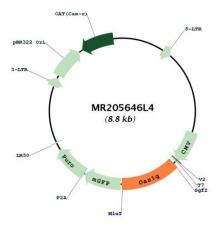
and several other family members are present in a gene cluster on chromosome 5. These proteins are believed to function in antiviral immunity through binding to viral dsRNA and subsequent synthesis of 2'-5'-oligoadenylates. The expression of this gene has been shown to

be induced by interferon. Alternative splicing of this gene results in multiple transcript

variants. [provided by RefSeq, Nov 2014]



Product images:



Circular map for MR205646L4