

Product datasheet for MR224792L4

Naa10 (NM_019870) Mouse Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Expression Plasmids
Naa10 (NM_019870) Mouse Tagged Lenti ORF Clone
mGFP
Naa10
2310039H09Rik; Ard1; Ard1a; Te2
Puromycin
pLenti-C-mGFP-P2A-Puro (PS100093)
Chloramphenicol (34 ug/mL)
The ORF insert of this clone is exactly the same as(MR224792).
Sgfl-Mlul
Cloning sites used for ORF Shuttling:
Sgf I ORF Mlu I GCG ATC GCC <mark>ATG // NNN</mark> ACG CGT



ACCN: ORF Size: NM_019870 705 bp



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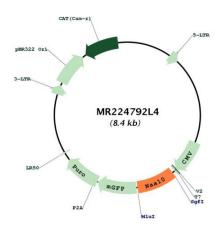
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ORIGENE Naa10	(NM_019870) Mouse Tagged Lenti ORF Clone – MR224792L4
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can 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. <u>More info</u>
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 019870.3, NP 063923.1</u>
RefSeq Size:	965 bp
RefSeq ORF:	708 bp
Locus ID:	56292
UniProt ID:	<u>Q9QY36</u>
Cytogenetics:	X A7.3
Gene Summary:	Catalytic subunit of the N-terminal acetyltransferase A (NatA) complex which displays alpha (N-terminal) acetyltransferase activity (PubMed:12888564). Acetylates amino termini that are devoid of initiator methionine (By similarity). The alpha (N-terminal) acetyltransferase activity may be important for vascular, hematopoietic and neuronal growth and development (By similarity). Without NAA15, displays epsilon (internal) acetyltransferase activity towards HIF1A, thereby promoting its degradation (PubMed:12464182). Represses MYLK kinase activity by acetylation, and thus represses tumor cell migration (By similarity). Acetylates, and stabilizes TSC2, thereby repressing mTOR activity and suppressing cancer development (By similarity). Acetylates HSPA1A and HSPA1B at 'Lys-77' which enhances its chaperone activity and leads to preferential binding to co-chaperone HOPX (By similarity). Acts as a negative regulator of

sister chromatid cohesion during mitosis (By similarity).[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for MR224792L4

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