

Product datasheet for **MR224792L4V**

Naa10 (NM_019870) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Naa10 (NM_019870) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Naa10
Synonyms:	2310039H09Rik; Ard1; Ard1a; Te2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019870
ORF Size:	705 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224792).
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.
RefSeq:	NM_019870.3 , NP_063923.1
RefSeq Size:	965 bp
RefSeq ORF:	708 bp
Locus ID:	56292
UniProt ID:	Q9QY36
Cytogenetics:	X A7.3



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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]