

Product datasheet for **MR203820L4V**

Apoa1bp (Naxe) (NM_144897) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Apoa1bp (Naxe) (NM_144897) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Naxe
Synonyms:	AA087124; AI-BP; AIBP; Apoa1ip; ESTM37; Naxe
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144897
ORF Size:	849 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR203820).
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_144897.1
RefSeq Size:	905 bp
RefSeq ORF:	849 bp
Locus ID:	246703
UniProt ID:	Q8K4Z3
Cytogenetics:	3 F1



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Gene Summary:

Catalyzes the epimerization of the S- and R-forms of NAD(P)HX, a damaged form of NAD(P)H that is a result of enzymatic or heat-dependent hydration. This is a prerequisite for the S-specific NAD(P)H-hydrate dehydratase to allow the repair of both epimers of NAD(P)HX. [UniProtKB/Swiss-Prot Function]