

Product datasheet for MR203820L4

OriGene Technologies, Inc.

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Apoa1bp (Naxe) (NM_144897) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Apoa1bp (Naxe) (NM_144897) Mouse Tagged Lenti ORF Clone

Tag: mGFP Symbol: Naxe

Synonyms: AA087124; AI-BP; AIBP; Apoa1ip; ESTM37; Naxe

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(MR203820).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_144897

ORF Size: 849 bp



Apoa1bp (Naxe) (NM_144897) Mouse Tagged Lenti ORF Clone - MR203820L4

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 144897.1</u>

 RefSeq Size:
 905 bp

 RefSeq ORF:
 849 bp

 Locus ID:
 246703

 UniProt ID:
 <u>O8K4Z3</u>

Cytogenetics: 3 F1

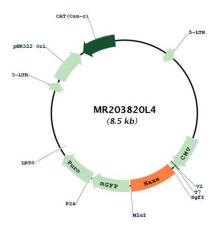
Gene Summary: Catalyzes the epimerization of the S- and R-forms of NAD(P)HX, a damaged form of NAD(P)H

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]



Product images:



Circular map for MR203820L4