

Product datasheet for **SC332121**

ASAP1 (NM_001247996) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ASAP1 (NM_001247996) Human Untagged Clone
Tag: Tag Free
Symbol: ASAP1
Synonyms: AMAP1; CENTB4; DDEF1; PAG2; PAP; ZG14P
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332121 representing NM_001247996.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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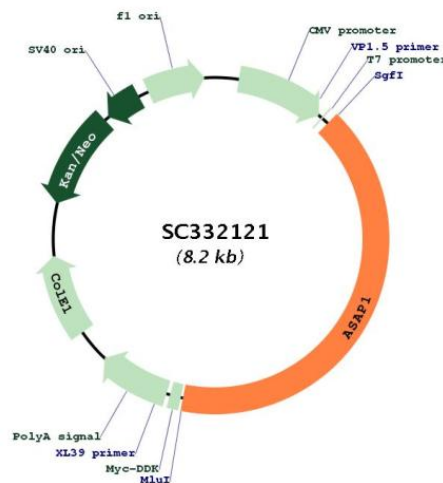


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Restriction Sites:

SgfI-MluI

Plasmid Map:

ACCN: NM_001247996

Insert Size: 3369 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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: [NM_001247996.1](#)

RefSeq Size: 6361 bp

RefSeq ORF: 3369 bp

Locus ID: 50807

UniProt ID: [Q9ULH1](#)

Cytogenetics: 8q24.21-q24.22

Protein Pathways: Endocytosis, Fc gamma R-mediated phagocytosis

MW: 124.8 kDa

Gene Summary: This gene encodes an ADP-ribosylation factor (ARF) GTPase-activating protein. The GTPase-activating activity is stimulated by phosphatidylinositol 4,5-biphosphate (PIP2), and is greater towards ARF1 and ARF5, and lesser for ARF6. This gene maybe involved in regulation of membrane trafficking and cytoskeleton remodeling. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Transcript Variant: This variant (2) contains an additional exon (with an in-frame AUG) in the 5' region compared to variant 1. This results in translation initiation from an alternate start site, and a shorter isoform (2) with a distinct N-terminus compared to isoform 1.