

## Product datasheet for **SC331826**

### ASC 2 (NCOA6) (NM\_001242539) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ASC 2 (NCOA6) (NM_001242539) Human Untagged Clone
Tag:	Tag Free
Symbol:	NCOA6
Synonyms:	AIB3; ASC2; NRC; PRIP; RAP250; TRBP
Vector:	pCMV6-Entry (PS100001)



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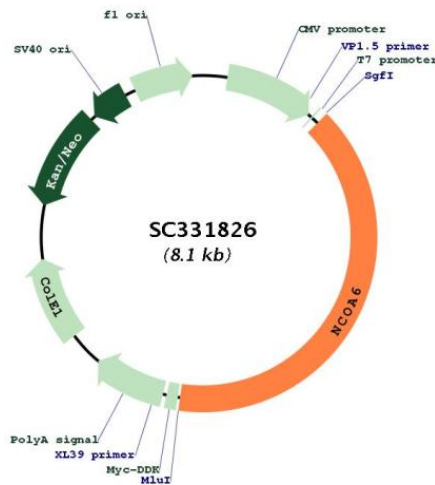
**Fully Sequenced ORF:** >SC331826 representing NM\_001242539.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM\_001242539

Insert Size: 3213 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\\_001242539.1](#)

RefSeq Size: 4092 bp

RefSeq ORF: 3213 bp

Locus ID: 23054

UniProt ID: [Q14686](#)

Cytogenetics: 20q11.22

Protein Families: Druggable Genome, Transcription Factors

**MW:** 115.3 kDa

**Gene Summary:** The protein encoded by this gene is a transcriptional coactivator that can interact with nuclear hormone receptors to enhance their transcriptional activator functions. This protein has been shown to be involved in the hormone-dependent coactivation of several receptors, including prostanoid, retinoid, vitamin D3, thyroid hormone, and steroid receptors. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jun 2011]  
Transcript Variant: This variant (2) lacks an in-frame coding exon in the central coding region, compared to variant 3. The encoded isoform (2, also known as NCOA6-beta) is shorter than isoform 1.