

## Product datasheet for **RG217698**

### ASC 2 (NCOA6) (NM\_014071) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ASC 2 (NCOA6) (NM_014071) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NCOA6
Synonyms:	AIB3; ASC2; NRC; PRIP; RAP250; TRBP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG217698 representing NM_014071 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTTTTGGATGACCTTCCAACTTAGAAGACATCTATACTTCTTGTGTTTCATCAACAATGGAAGACT  
CAGAGATGGATTTGACTCTGGACTAGAAGATGATGACACAAAAAGTGATAGTATTTGGAGATTCCAC  
AATTTTGTGGCCTTCAAAGGAAATATAGATGATAAAGACTTCAAATGGAATAGATGCAATATTGAAA  
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GTGATGCAGCAGCAACCACCAAACCAGGGGCCACAGAGTTTACATCCAGGCCTAGGAGGAATGCCTAAAC  
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TGAAAAGTCCAAATCCCAGGCCGAAGAACTCCCGAACTGAAGAGCCAACTGTGGCCTCTGAAAGTGTG  
GAAAATGGACATCGTAAACGATCTTCTCGACCTGCTTCAGCCTCCAGCTCTACTAAGACATAACCAGTG  
CGGTGCAATCCAAGCGAAGAAAATCCAAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>RG217698 representing NM\_014071  
 Red=Cloning site Green=Tags(s)

MVLDDLPLEDIYTSLCSSTMEDSEMDFDGLEDSDTKSDSILEDSTIFVAFKGNIDDKDFKWLDAILK  
 NVPNLLHMESSKLKVKVEPWNSVRVTFNIPREAAERLRILAQSNNQQLRDLGILSVQIEGEGAINLALA  
 QNRSQDVRMNGPMGAGNSVRMEAGFPMASGPGIIRMNPNATVMIPPGGNVSSSMMAPGPNPELQPRTPRP  
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 QQQQLQARPPQHQQQQPQGI RPFQFTAPTQVPVPPGWNQLPSGALQPPPAQGS LGTMTANQGWKKAPLP  
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 SQGQMVQQGT LNPQNPMILSRAQLMPQGMVNPPSQNLGPSPQRMTPPKQMLSQQGPQMMAHPNQMMG  
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 RPLQQMPPQLMQHVAPPQPPQQPQLPQQQPPPPSQPSQQQQQQQQMMMLMMQDPKSVRLPV  
 SQNVHPPRGPLN PDSQRMPMQSGSVPMVSLQGPASVPPSPDKQRMPMPVNTPLGNSNRKMVYQESPN  
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 SSHGHHFPNVAAPTQTSRPKTPNRASPRPYYPQTPNRRPSTEPSEISLSPERLNASIALGFPQINIPL  
 PPRPNLNRGFDQQLNPTTLKAIQAPS NLTMNPSNFATPQTHKLD SVVNSGKQNSGATKRASPSNSR  
 RSSPGSSRKTTPSPGRQNSKAPKLTASQTNAALLQNVELPRNVLV SPTPLANPPVPGSFPNNSGLNPQN  
 STVSVAAVGGVVEDNKE SLNVPQSDCQNSQSRKEQVNIELKAVPAQEVMVVPEDQSKKDGQPSDPNKL  
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 APLTTNSGLMPPSVAVVGPLHIPQNIKFSSAPVPPNALSSSPAPNIQTGRPLVLSRATPVQLPSPPCTS  
 SPVVP SHPPVQVKELNPDEASPVNTSADQNTLPSSQSTTMVSPLL TNSPGSSGNRRSPVSSSKGKGV  
 DKIGQILLTKACKKVTGSLEKGEEQYGADGETEGQLD TTAPGLMGTEQLSTELDSKTPTPPAPTLLKMT  
 SSPVPGGTASAGPSLPGGALPTSVRSIVTTLVPELISAVPTTKSNHGGIASESLAGGLVEEKVGSHP  
 LPSIAPSQNLVSKETSTTALQASVARPELEVNAAI VSGQSSEPKEIVEKSKIPGRRNSRTEEPTVASESV  
 ENGHRKRSSRPASASSSTKDITSAVQSKRRKSK

TRTRPLE - GFP Tag - V

**Restriction Sites:**

SgfI-MluI



<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_014071.5</a>
<b>RefSeq Size:</b>	7071 bp
<b>RefSeq ORF:</b>	6192 bp
<b>Locus ID:</b>	23054
<b>UniProt ID:</b>	<a href="#">Q14686</a>
<b>Cytogenetics:</b>	20q11.22
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>Gene Summary:</b>	<p>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]</p>