

Product datasheet for **SC333203**

ABP1 (AOC1) (NM_001272072) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABP1 (AOC1) (NM_001272072) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABP1
Synonyms:	ABP; ABP1; DAO; DAO1; KAO
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC333203 representing NM_001272072.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGCCGGCCCTGGGCTGGGCCGTGGCTGCCATCCTGATGCTGCAGACGGCCATGGCGGAGCCCTCCCCG
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CCTTTTAGCTACAATGGGACCTATAGACCTGTGTGA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001272072

Insert Size: 2313 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:	<ol style="list-style-type: none">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_001272072.1</u>
RefSeq Size:	2503 bp
RefSeq ORF:	2313 bp
Locus ID:	26
UniProt ID:	<u>P19801</u>
Cytogenetics:	7q36.1
Protein Families:	Secreted Protein
Protein Pathways:	Arginine and proline metabolism, Histidine metabolism, Tryptophan metabolism
MW:	87.2 kDa
Gene Summary:	<p>This gene encodes a metal-binding membrane glycoprotein that oxidatively deaminates putrescine, histamine, and related compounds. The encoded protein is inhibited by amiloride, a diuretic that acts by closing epithelial sodium ion channels. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2013]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>