



# Recombinant Mouse Amiloride-sensitive amine oxidase [copper-containing] (Abp1)

<b>Product Code</b>	CSB-MP818310MO
<b>Abbreviation</b>	Abp1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8JZQ5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>VTTPHDKA RIFADLSPQE IKAVHSFLMS RKELGLESSK NLTLAKNSVF          LIEMLLPKKK NVLKFLDEGR KSPVREARAI IFFGAQDHPN VTEFAVGPLP          RPCYVQALSP RPGHHLSSWSS RPISTAEYDL LYHMLNRAIT PLHQFFLDTT          GFSFLGCDDR FLTFTDVAPR GVESGQRRSW LIVQRYVEGY FLHPTGLEIL          VDHSSTDVQD WRVEQLWYNG KFYN SPEELA QKYAVGEVEA VVLEEVLED          PLPGATEQPP LFSSYKPRGE FHPTVTVAGP HVVQPSGPRY KLEGNVVLYG          DWSFSYRLRS SSSLQIFNVL FGGERVAYEV SVQEAVALYG GHTPAGMQTK          YIDVGWGLGS VTHELAPGID CPETATFLDA FHYYDSDGPV LYPRALCLFE          MPTGVPLRRH FDSNFKGGFN FYAGLKGYVL VLRTTSTVYN YDIWDFIFY          PNGVMETKMH ATGYVHATFY TPEGLRHGTR LQTHLLGNIH THLVHYRVDL          DVAGTKNSFR TLKTKLENIT NPWSPSHSLV QPTLEQTQYS HEHQAAFRFG          QTLPKYLLFS SPQKNRWGHR RSYRLQIHSM AEQVLPPGWQ          EERAFTWARY P LAVTKYRES ERYSSSLYNQ NDPWDPPVVF EEFLRNENI          ENEDLVAWVT VGFLHIPHSE DVPNTATPGN CVGFLIRPFN FFEEDPSLAS          RDTVIVWPQD NGLNHVQRWI PENRDCLVSP PFSYNGTYKP V</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Aoc1
<b>Protein Names</b>	Recommended name: Amiloride-sensitive amine oxidase [copper-containing] Short name= DAO Short name= Diamine oxidase EC= 1.4.3.22 Alternative name(s): Amiloride-binding protein Short name= ABP Histaminase
<b>Expression Region</b>	23-751
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene encodes a membrane glycoprotein that is expressed in many epithelium-rich and/or hematopoietic tissues and oxidatively deaminates



putrescine and histamine. The protein may play a role in controlling the level of histamine and/or putrescine in these tissues. It also binds to and is inhibited by amiloride, a diuretic that acts by closing epithelial sodium ion channels.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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