

Recombinant Rat Aoc1 protein, His-tagged

Cat. No. Aoc1-674R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Aoc1 aa. (Leu335~Val453 (Accession # P36633)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu335~Val453
Description	Binds amiloride and some of its derivatives; may form an epithelial-specific Na ⁺ channel.
Form	Freeze-dried powder
Molecular Mass	15 kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

[Aoc1 amine oxidase, copper containing 1 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Aoc1](#)

Synonyms

Aoc1; amine oxidase, copper containing 1; Abp; Abp1; amiloride-sensitive amine oxidase [copper-containing]; DAO; amiloride binding protein 1 (amine oxidase, copper-containing); amiloride-binding protein 1; amiloride-sensitive amine oxidase; amine oxidase copper domain-containing protein 1; diamine oxidase; histaminase

Gene ID

[65029](#)

mRNA Refseq

[NM_022935.2](#)

Protein Refseq

[NP_075224.2](#)

UniProt ID

[P36633](#)

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