Recombinant Rat Aoc1 protein, His-tagged

Cat. No. Aoc1-673R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Aoc1 aa. (Gly176~Gly328 (Accession # P36633)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly176~Gly328
Description	Binds amiloride and some of its derivatives; may form an epithelial-specific Na+ channel.
Form	Freeze-dried powder
Molecular Mass	19 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA