Recombinant Human AOC1 protein, His-tagged

Cat. No. AOC1-520H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AOC1 (P19801) fused with His tag was produced in HEK293F cells.
Species	Human
Source	HEK293
Description	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.
Form	Freeze-dried powder
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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

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

	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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	AOC1 amine oxidase, copper containing 1 [Homo sapiens (human)]
Official Symbol	AOC1
Synonyms	AOC1; amine oxidase, copper containing 1; ABP; DAO; KAO; ABP1; DAO1; amiloride-sensitive amine oxidase [copper-containing]; 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; kidney amine oxidase
Gene ID	26
mRNA Refseq	NM_001091.3
Protein Refseq	NP_001082.2
UniProt ID	P19801

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