

Recombinant Human AOC1 Protein, His-tagged

Cat. No. AOC1-558H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human AOC1 (AAH14093.1) (Met1-Val751) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-751 a.a.
Predicted N Terminal	Glu 20
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human AOC1 consists 743 amino acids and predicts a molecular mass of 84.9 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [AOC1 amine oxidase, copper containing 1 \[Homo sapiens \]](#)

Official Symbol [AOC1](#)

Synonyms ABP; DAO; KAO; ABP1; DAO1; 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; NP_001082.2

Gene ID [26](#)

mRNA Refseq [NM_001091](#)

Protein Refseq [NP_001082](#)

MIM [104610](#)

UniProt ID [P19801](#)

Chromosome Location 7q36.1

Pathway Arginine and proline metabolism, organism-specific biosystem; Biological oxidations, organism-specific biosystem; Tryptophan metabolism, organism-specific biosystem

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