

Recombinant Human ABP1 Protein, His-tagged

Cat. No. ABP1-15H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABP1 Protein (Glu20-Val751) with N-His tag was expressed in 293F.
Species	Human
Source	HEK293
ProteinLength	Glu20-Val751
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
Molecular Mass	Predicted Molecular Mass: 85.1 kDa Accurate Molecular Mass: 100 kDa
Purity	> 97%
Applications	Cell culture; Activity Assays.
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 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

ABP1 amiloride binding protein 1 (amine oxidase (copper-containing)) [Homo sapiens (human)]

Official Symbol

ABP1

Synonyms

ABP1; amiloride binding protein 1 (amine oxidase (copper-containing)); amiloride-sensitive amine oxidase [copper-containing]; AOC1; DAO; histaminase; diamine oxidase; kidney amine oxidase; amiloride-binding protein-1; amiloride-sensitive amine oxidase; ABP; KAO; DAO1

Gene ID

26

mRNA Refseq

NM_001091

Protein Refseq

NP_001082

MIM

104610

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UniProt ID

P19801

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