

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

 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 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

 Tel: 1-631-559-9269 1-516-512-3133

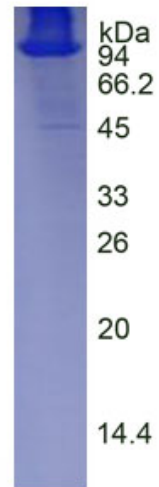
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P19801



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