

Recombinant Rat Abp1, His-tagged

Cat. No. Abp1-3410R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Amiloride-sensitive amine oxidase [copper-containing] (Abp1)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	746
Description	binds amiloride and some of its derivatives; may form an epithelial-specific Na ⁺ channel .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Abp1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

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Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION
Gene Name

Abp1 amiloride binding protein 1 (amine oxidase, copper-containing) [*Rattus norvegicus*]

Official Symbol

Abp1

Synonyms

ABP1; amiloride binding protein 1 (amine oxidase, copper-containing); amiloride-sensitive amine oxidase [copper-containing]; DAO; histaminase; diamine oxidase; amiloride-binding protein; amiloride-sensitive amine oxidase; Abp;

Gene ID

65029

mRNA Refseq

NM_022935

Protein Refseq

NP_075224

Pathway

Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Histidine metabolism, organism-specific biosystem; Histidine metabolism, conserved biosystem; Tryptophan metabolism, organism-specific bios

Function

calcium ion binding; cation channel activity; cation channel activity; copper ion binding; copper ion binding; copper ion binding; diamine oxidase activity; diamine oxidase activity; drug binding; drug binding; drug binding; heparin binding; heparin binding; histamine oxidase activity; metal ion binding; methylputrescine oxidase activity; oxidoreductase activity; primary amine oxidase activity; primary amine oxidase activity; primary amine oxidase activity; propane-1,3-diamine oxidase activity;

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protein complex binding; protein complex binding; protein homodimerization activity;
quinone binding; quinone binding; quinone binding; receptor activity; receptor activity;
zinc ion binding; zinc ion binding;

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