

Recombinant Human ABP1 Protein, GST-Tagged

Cat. No. ABP1-113H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ABP1 full-length ORF (AAH14093.1, 1 a.a. - 751 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jan 2013]
Molecular Mass	111.7 kDa
AA Sequence	MPALGWAVAAILMLQTAMAEPSPGTLPRKAGVFSDLSNQELKAVHSFLWSKKELRL QPSSTTTMAKNTVFLIEMLLPKKYHVLRLDKGERHPVREARAVIFFGDQEHNVTE FAVGPLPGPCYMRALSPRPGYQSSWASRPISTAHEYALLYHTLQEATKPLHQFFLNTT GFSFQDCHDRCLAFTDVAPRGVASGQRRSWLIQRYVEGYFLHPTGLELLVDHGST DAGHWAVEQVWYNGKFYGSPEELARKYADGEVDVVVLEDPLPGGKGHDSTEEPP LFSSHKPRGDFPSPIHVSGPRLVQPHGPRFRLEGNAVLYGGWSFAFRLRSSGLQV LNVHFGGERIAYEVSQEAVALYGGHTPAGMQTKYLDVGWGLGSVTHELAPGIDCP ETATFLDTFHYYDADDPVHYPRALCLFEMPTGVPLRRHFNSNFKGGFNFYAGLKGG VLVLRTTSTVYNYDYIWDFIFYPNGVMEAKMHATGYVHATFYTPEGLRHGTRLHHTL

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IGNIHTHLVHYRVDL DVAGTKNSFQTLQMKLENITNPWSPRHRVVQPTLEQTQYSW
ERQA AFRFKRKL PKYLLFTSPQENPWGHKRSYRLQIHSMADQVLPPGWQEEQAIT
WARYPLAVTKYRESELCSSSIYHQNDPWPVVFQFLHNNENIENEDLVAWVTVG
FLHIPHSEDIPNTATPGNSVGFLLRPFNFPPEDPSLASRDTVIVWPRDNGPNYVQRW
IPEDRDCSMPPPF SYNGTYRPV

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

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

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;

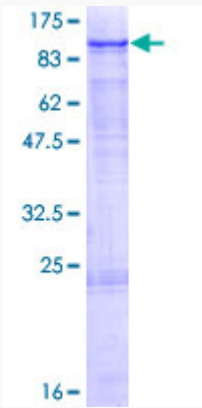
Gene ID

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mRNA Refseq	NM_001091
Protein Refseq	NP_001082
MIM	104610
UniProt ID	P19801
 12.5% SDS-PAGE Stained with Coomassie Blue.	