

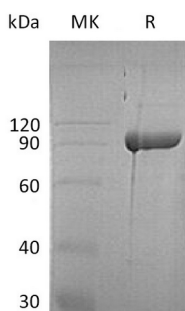
Product Name: Recombinant Human ABP1 (C-6His)
Catalog #: PHH0055



概述 (Summary)

英文全称	Amiloride-binding protein 1/ABP1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Amiloride-binding Protein 1 is produced by our Mammalian expression system and the target gene encoding Glu20-Val751 is expressed with a 6His tag at the C-terminus.
Accession #	AAH14093.1
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	84.4 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 7.5.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Amiloride-sensitive amine oxidase [copper-containing]; DAO; Diamine oxidase; Amiloride-binding protein 1; Amine oxidase copper domain-containing protein 1; Histaminase; Kidney amine oxidase; KAO; AOC1; ABP1; DAO1

背景介绍 (References)

Amiloride-sensitive amine oxidase (AOC1) belongs to the copper/topaquinone oxidase family. The protein exists as homodimer by disulfide and mainly located in placenta and kidney. AOC1 catalyzes the degradation of compounds such as putrescine, histamine, spermine, and spermidine, substances involved in allergic and immune responses, cell proliferation, tissue differentiation, tumor formation, and possibly apoptosis. Placental DAO is thought to play a role in the regulation of the female reproductive function. The activity of this protein can be inhibited by amiloride in a competitive manner. It is inhibited by amiloride, a diuretic that acts by closing epithelial sodium ion channels.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.