

Product datasheet

Recombinant Rat Prorenin protein ab92748

1 图像

概述

产品名称	重组大鼠Prorenin蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	HEK 293 cells
氨基酸序列	
种属	Rat

技术指标

Our [Abpromise guarantee](#) covers the use of **ab92748** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
纯度	> 95 % SDS-PAGE. Purified by chelated metal affinity chromatography
形式	Liquid

制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 50mM Tris, pH 8.0
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常规信息

功能	Renin is a highly specific endopeptidase, whose only known function is to generate angiotensin I from angiotensinogen in the plasma, initiating a cascade of reactions that produce an elevation of blood pressure and increased sodium retention by the kidney.
疾病相关	Defects in REN are a cause of renal tubular dysgenesis (RTD) [MIM:267430]. RTD is an

autosomal recessive severe disorder of renal tubular development characterized by persistent fetal anuria and perinatal death, probably due to pulmonary hypoplasia from early-onset oligohydramnios (the Potter phenotype).

Defects in REN are the cause of familial juvenile hyperuricemic nephropathy type 2 (HNFJ2) [MIM:613092]. It is a renal disease characterized by juvenile onset of hyperuricemia, slowly progressive renal failure and anemia.

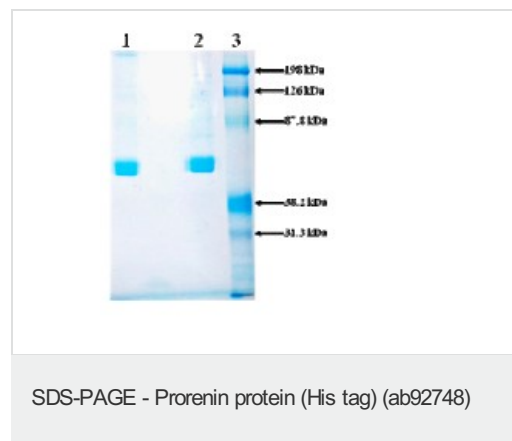
#### 序列相似性

Belongs to the peptidase A1 family.

#### 细胞定位

Secreted. Membrane. Associated to membranes via binding to ATP6AP2.

#### 图片



10% SDS PAGE analysis of ab92748.

Lane 1. 3ug ab92748 non reduced.

Lane 2. 3ug ab92748 reduced.

Lane 3. Prestained standard.

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