

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.

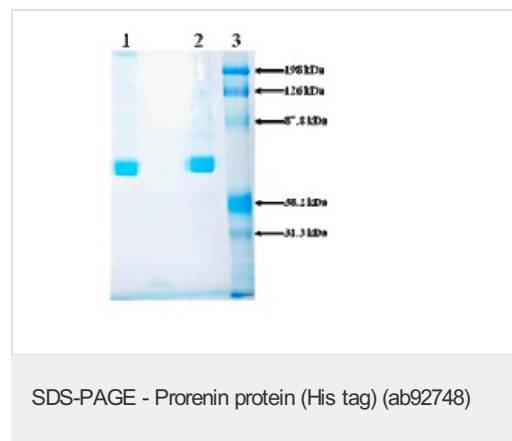
序列相似性

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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