

# Recombinant human Prorenin protein (Active) ab93266

[3 References](#) [1 图像](#)

### 描述

产品名称	重组人Prorenin蛋白(Active)
生物活性	Fully activatable to renin by catalytic amounts of trypsin. ab93266 is > 95% active.
纯度	> 95 % SDS-PAGE. ab93266 is purified by affinity chromatography.
表达系统	HEK 293 cells
Accession	<b><u>P00797</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	44 kDa

### 技术指标

Our **Abpromise guarantee** covers the use of **ab93266** 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
形式	Liquid
补充说明	Extinction coefficient: 1.1 UV Absorbance (280 nm)=0.99

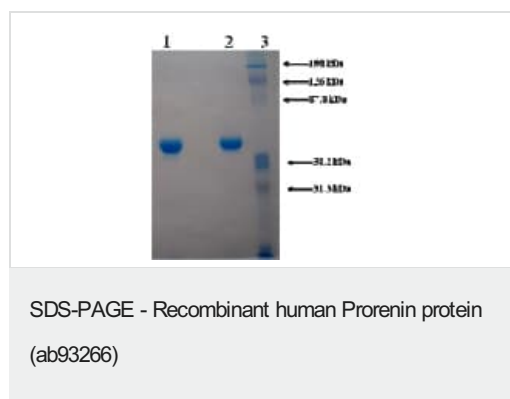
### 制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.79% Tris HCl, 0.29% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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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



3 ug of ab93266 on 10% SDS-PAGE.

Lane 1: Non-reduced

Lane 2: Reduced

Lane 3: Prestained Standard

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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