

Datasheet for ABIN7607221

## Renin Protein (REN) (AA 24-406) (His tag)



[Go to Product page](#)

### Overview

Quantity:	50 µg
Target:	Renin (REN)
Protein Characteristics:	AA 24-406
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Renin protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), ELISA, Activity Assay (AcA)

### Product Details

Purpose:	Recombinant Human REN/Renin Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to cleave a fluorogenic peptide substrate Arg-Glu(EDANS)-Ile-His-Pro-PheHis-Pro-Phe-HisLeu-Val-Ile-HisThr-Lys(dabcyl)-Arg. The specific activity is >20 pmol/min/µg, as measured under the described conditions.

### Target Details

Target:	Renin (REN)
---------	-------------

## Target Details

Alternative Name:	REN ( <a href="#">REN Products</a> )
Background:	REN, Angiotensinogenase, Renin
UniProt:	<a href="#">P00797</a>
Pathways:	<a href="#">ACE Inhibitor Pathway</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">Feeding Behaviour</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months