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Datasheet for ABIN7505666

**Renin Protein (REN) (AA 1-406) (His tag)**

## Overview

Quantity:	100 µg
Target:	Renin (REN)
Protein Characteristics:	AA 1-406
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Renin protein is labelled with His tag.

## Product Details

Sequence:	Met1-Arg406
Characteristics:	A DNA sequence encoding the Human REN protein (P00797) (Met1-Arg406) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Renin (REN)
Alternative Name:	Renin ( <a href="#">REN Products</a> )
Background:	<p>Background: Renin is a member of the aspartyl proteinase family produced largely in part by the juxtaglomerular cells in the kidney. Renin is produced as prorenin with 43 pro residues at the N-terminal of mature Renin. The inactive prorenin becomes activated proteolytically.</p> <p>Synonym: Renin, Angiotensinogenase, REN, Angiotensin-forming enzyme</p>

### Target Details

Molecular Weight:	44.55 kDa
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

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months