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Datasheet for ABIN7505158

Renin Protein (REN) (AA 67-406) (His tag)

Overview

Quantity:	100 µg
Target:	Renin (REN)
Protein Characteristics:	AA 67-406
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Renin protein is labelled with His tag.

Product Details

Sequence:	Leu 67-406Arg
Characteristics:	A DNA sequence encoding the Human REN protein (P00797) (Leu 67-Arg 406) was expressed with N-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Renin (REN)
Alternative Name:	Renin (REN Products)
Background:	<p>Background: 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.</p> <p>Synonym: Angiotensin forming enzyme,HNFJ2,REN</p>

Target Details

Molecular Weight:	37.29 kDa
UniProt:	P00797
Pathways:	ACE Inhibitor Pathway , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones , Feeding Behaviour

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