9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

REN Human, sf9

Renin Human Recombinant, sf9
RCP1848

Product Overview

Name	REN Human, sf9

Description

Renin Human Recombinant, sf9

Accession (Primary)	P00797

Synonyms

REN, HNFJ2, Renin, Angiotensinogenase.

Introduction

Renin is a highly specific endopeptidase which generates angiotensin I from angiotensinogen in the plasma. angiotensin I is an important regulator of blood pressure and electrolyte balance. Renin initiates a cascade of reactions that produce an elevation of blood pressure and increased sodium retention by the kidney.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered clear solution.

Formulation

REN protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by analysis by SDS-PAGE.

Amino acid sequence

LPTDTTTFKR IFLKRMPSIR ESLKERGVDM ARLGPEWSQP MKRLTLGNTT SSVILTNYMD TQYYGEIGIG TPPQTFKVVF DTGSSNVWVP SSKCSRLYTA CVYHKLFDAS DSSSYKHNGT ELTLRYSTGT VSGFLSQDII TVGGITVTQM FGEVTEMPAL PFMLAEFDGV VGMGFIEQAI GRVTPIFDNI ISQGVLKEDV FSFYYNRDSE NSQSLGGQIV LGGSDPQHYE GNFHYINLIK TGVWQIQMKG VSVGSSTLLC EDGCLALVDT GASYISGSTS SIEKLMEALG AKKRLFDYVV KCNEGPTLPD ISFHLGGKEY TLTSADYVFQ ESYSSKKLCT LAIHAMDIPP PTGPTWALGA TFIRKFYTEF DRRNNRIGFA LAR LEHHHHH H .

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Precautions

REN Human, sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P00797)