

Product Datasheet



Product Description

Product:	Human Renin
Catalog Number:	IHREN
Description:	Renin is an aspartyl protease that is specific for only one substrate, angiotensinogen. Molecular Innovations human renin is produced from the proenzyme prorenin by proteolytic cleavage of a 43 amino acid N-terminal prosegment using limited enzymatic digestion by immobilized trypsin. Conversion to active renin is >99.99 percent.
Recommended Storage:	-70 C
Shipping Conditions:	Dry ice
Minimum Shelf Life:	3 years from delivery

Technical Information

Purity:	>95% by SDS-PAGE analysis
Source:	Human Embryonic Kidney cells
Molecular Weight:	40,000
Extinction Coefficient:	1.1

Sample Characteristics

Lot Number:	IHREN-SAMPLE
Aliquot:	1 x 0.1 mg
Concentration:	1.0 mg/ml
Volume:	0.1 ml
Specific activity:	99.996 percent active (< 17 ng/ml prorenin by ELISA)
Buffer:	0.1M Na Acetate; 0.05M NaCl; pH4.2
Form:	Frozen liquid

For In Vitro laboratory use only

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