



DATA SHEET

Product Description

Product:	Dog Renin, C-terminal 8x His tag
Catalog Number:	DREN-HIS
Description:	Renin is an aspartyl protease that is specific for only one substrate, angiotensinogen. Molecular Innovations dog 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 >98 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:	36,700
Extinction Coefficient:	1.1

Sample Characteristics

Lot Number:	DREN-HIS-SAMPLE
Aliquot:	1 x 0.1 mg
Concentration:	1.0 mg/ml
Volume:	0.1 ml
Buffer:	0.05M Tris-HCl; pH 8.0
Form:	Frozen liquid

Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.

For *in vitro* laboratory use only

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