

Recombinant Dog Renin, His-tagged

Cat. No. REN-700D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant DogRenin with a 8x His tag at C-terminal is expressed in <i>HEK cells</i> . MW= 36,700 Da.
Species	Dog
Source	HEK293
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.
Form	Frozen liquid.
Buffer	0.05M Tris-HCl; pH 8.0.
Concentration	1.0 mg/ml.
Aliquot	1 x 0.1 mg.
Shipping Conditions	Dry ice.
Storage	Store at -70°C.

GENE INFORMATION

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Gene Name	REN renin [Canis lupus familiaris]
Synonyms	REN; renin; angiotensinogenase; EC 3.4.23.15
Gene ID	403838
mRNA Refseq	NM_001003194
Protein Refseq	NP_001003194
UniProt ID	Q6DYE7
Chromosome Location	38
Pathway	Renin-angiotensin system

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