

Human CellExp Renin, Human recombinant protein
Human Recombinant HIS-tagged Renin
Catalog # PBV10539r**Specification**

Human CellExp Renin, Human recombinant protein - Product info

Primary Accession	P00797
Concentration	0.74
Calculated MW	40 kDa (contains 8x HIS tag at the CT) KDa

Human CellExp Renin, Human recombinant protein - Additional Info

Gene ID	5972
Gene Symbol	REN
Other Names	
Angiotensinogenase, REN.	
Gene Source	Human
Source	Human Embryonic Kidney (HEK) cells
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Format	
Liquid	

Storage

-80°C; 0.74 mg/ml solution in 0.05M Tris-HCl and 0.05 M NaCl, pH 8.0

Human CellExp Renin, Human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human CellExp Renin, Human recombinant protein - Images**Human CellExp Renin, Human recombinant protein - Background**

Renin is an aspartyl protease that is specific for only one substrate, angiotensinogen. Prorenin is a glycosylated aspartic protease that consists of 2 homologous lobes and is the precursor of renin. Prorenin exhibits a low level of enzymatic activity relative to renin. BioVision's 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 and purified by affinity chromatography. Conversion to active renin is >99.99 percent.

Human CellExp Renin, Human recombinant protein - References

Imai T.,et al.Proc. Natl. Acad. Sci. U.S.A. 80:7405-7409(1983).
Morris B.J.,et al.Clin. Sci. 71:345-355(1986).
Hardman J.A.,et al.DNA 3:457-468(1984).
Rieder M.J.,et al.Submitted (OCT-2003) to the EMBL/GenBank/DDBJ databases.
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.