

Angiotensin II recombinant protein
Angiotensin, Angiotensin II
Catalog # PBV10486r**Specification**

Angiotensin II recombinant protein - Product infoPrimary Accession [P01019](#)**Angiotensin II recombinant protein - Additional Info**

Gene ID	183
Gene Symbol	ANGT
Other Names	
Angiotensin, Angiotensin II	
Gene Source	Human
Assay&Purity	SDS-PAGE;
Assay2&Purity2	HPLC; ≥95%
Recombinant	Yes
Application Notes	
H ₂ O	

Format

Lyophilized protein

Storage

-20°C; Lyophilized powder

Angiotensin II 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](#)

Angiotensin II recombinant protein - Images**Angiotensin II recombinant protein - Background**

The octapeptide angiotensin II exerts a wide range of effects on the cardiovascular system. It is also implicated in the regulation of cell proliferation, fibrosis and apoptosis. Angiotensin II is formed by cleavage of angiotensin I by angiotensin-converting enzyme (ACE) or chymases. Human heart chymase, a chymotrypsin-like serine proteinase, hydrolyzes the Phe⁸-His⁹ bond to yield the

octapeptide hormone angiotensin II and His-Leu.

Angiotensin II recombinant protein - References

Kageyama R.,et al.Biochemistry 23:3603-3609(1984).
Gaillard I.,et al.DNA 8:87-99(1989).
Fukamizu A.,et al.J. Biol. Chem. 265:7576-7582(1990).
Kunapuli S.P.,et al.Circ. Res. 60:786-790(1987).
Kunapuli S.P.,et al.Arch. Biochem. Biophys. 254:642-646(1987).