

Product datasheet

Recombinant Human Angiotensin II Type 1 Receptor protein ab157870

1 References 1 Image

Description

Product name	Recombinant Human Angiotensin II Type 1 Receptor protein		
Expression system	Wheat germ		
Protein length	Protein fragment		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	FFSWIPHQIFTFLDVLIQLGIIRDCRIADIVDTAMPITICIA YFNN CLNP LFYGFLGKKFKRYFLQLLK YPPKAKSHSNLSTKMSTLSYR HSDNVSSST KKPAPCFEVE		
Amino acids	250 to 359		
Tags	GST tag N-Terminus		

Specifications

Our **Abpromise guarantee** covers the use of **ab157870** in the following tested applications.  
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	Western blot
Form	Liquid

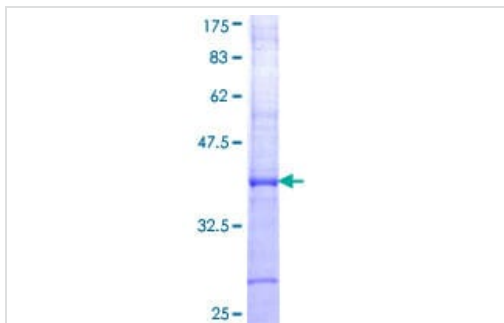
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

<b>Function</b>	Receptor for angiotensin II. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system.
<b>Tissue specificity</b>	Liver, lung, adrenal and adrenocortical adenomas.
<b>Involvement in disease</b>	Defects in AGTR1 are a cause of renal tubular dysgenesis (RTD) [MIM:267430]. RTD is an autosomal recessive severe disorder of renal tubular development characterized by persistent fetal anuria and perinatal death, probably due to pulmonary hypoplasia from early-onset oligohydramnios (the Potter phenotype).
<b>Sequence similarities</b>	Belongs to the G-protein coupled receptor 1 family.
<b>Post-translational modifications</b>	C-terminal Ser or Thr residues may be phosphorylated.
<b>Cellular localization</b>	Cell membrane.

## Images



ab157870 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human Angiotensin II  
Type 1 Receptor protein (ab157870)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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