

Angiotensin II Receptor 1 Recombinant Protein | AGTR1 recombinant protein

Recombinant Angiotensin II Receptor 1 (AGTR1)

CATALOG # AAA145434	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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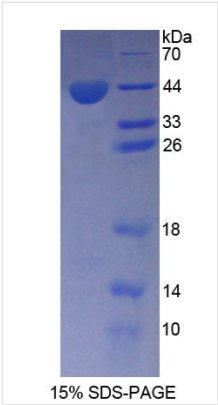
PRODUCT SYNONYMS

Angiotensin II Receptor 1; Recombinant Angiotensin II Receptor 1 (AGTR1); AT1R; AG2S; AG2-S; AGTR1A; AGTR1B; AT1; AT1B; AT2R1; AT2-R1; AT2R1A; AT2R1B; HAT1R; AT1 Receptor; Angiotensin Receptor 1B; AGTR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90%
Form/Format	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for AGTR1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Rattus norvegicus
Source	Prokaryotic expression
Residues	Asp263~Glu359
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Predicted isoelectric point	9.1
Predicted Molecular Mass	40.9kDa
Accurate Molecular Mass	41kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	29169212
NCBI GeneID	185
NCBI Official Full Name	angiotensin II receptor variant 1
NCBI Official Synonym Full Names	angiotensin II receptor type 1
NCBI Official Symbol	AGTR1
NCBI Official Synonym Symbols	AT1; AG2S; AT1B; AT1R; AT1AR; AT1BR; AT2R1; HAT1R; AGTR1B
NCBI Protein Information	type-1 angiotensin II receptor
UniProt Protein Name	Type-1 angiotensin II receptor
UniProt Gene Name	AGTR1
UniProt Synonym Gene Names	AGTR1A; AGTR1B; AT2R1; AT2R1B; AT1
UniProt Entry Name	AGTR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/agtr1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145434>