

Recombinant Human AGTR1 293 Cell Lysate

Cat. No. AGTR1-8970HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for angiotensin II receptor, type 1 (AGTR1), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [AGTR1 angiotensin II receptor, type 1 \[Homo sapiens \]](#)

Official Symbol [AGTR1](#)

Synonyms [AGTR1](#); [angiotensin II receptor, type 1](#); [AGTR1B](#), [angiotensin receptor 1B](#); [type-1 angiotensin II receptor](#); [AG2S](#); [AGTR1A](#); [AT1](#); [AT1B](#); [AT2R1](#); [AT2R1A](#); [AT2R1B](#); [HAT1R](#); [AT1AR](#); [AT1BR](#); [angiotensin receptor 1](#); [angiotensin receptor 1B](#); [angiotensin II type-1 receptor](#); [type-1B angiotensin II receptor](#); [AT1R](#); [AGTR1B](#);

Gene ID [185](#)

mRNA Refseq [NM_000685](#)

Protein Refseq [NP_000676](#)

MIM [106165](#)

UniProt ID [P30556](#)

Chromosome Location [3q24](#)

Pathway [ACE Inhibitor Pathway, organism-specific biosystem](#); [Angiotensin receptor Tie2-mediated signaling, organism-specific biosystem](#); [Arf6 signaling events, organism-specific biosystem](#); [Calcium signaling pathway, organism-specific biosystem](#); [Calcium signaling pathway, conserved biosystem](#); [Class A/1 \(Rhodopsin-like receptors\), organism-specific biosystem](#); [G alpha \(q\) signalling events, organism-specific](#)

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biosystem;

Function

G-protein coupled receptor activity; acetyltransferase activator activity; angiotensin type I receptor activity; angiotensin type I receptor activity; angiotensin type II receptor activity; bradykinin receptor binding; protein binding; protein heterodimerization activity; receptor activity; signal transducer activity;

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