

Recombinant Human AGTR1 Full Length Transmembrane protein, MBP&Flag-tagged(Synthetic Nanodisc)

Cat. No. AGTR1-983H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGTR1 Full Length Transmembrane protein(P30556), fused with MBP and Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
Tag	Non
Form	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Lyophilized from PBS. Normally 5% – 8% trehalose is added as protectants before lyophilization.
Bio-activity	Elisa plates were pre-coated with N-MBP Tag, C-Flag Tag MBP-AGTR1-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with MBP-AGTR1-Nanodisc is 4.309ng/ml.
Molecular Mass	The human full length MBP-AGTR1 protein has a MW of 81.1 kDa.
Storage	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing

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and thawing). Lyophilized proteins are shipped at ambient temperature.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

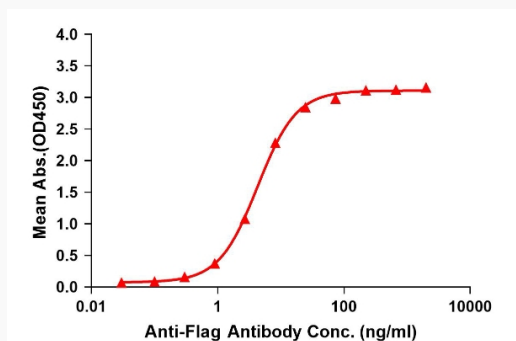
UniProt ID [P30556](#)

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