

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AGTR1 Full Length Transmembrane protein(P30556), fused with MBP and Flag tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Tag</b>	Non
<b>Form</b>	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.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	The human full length MBP-AGTR1 protein has a MW of 81.1 kDa.
<b>Storage</b>	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](#)

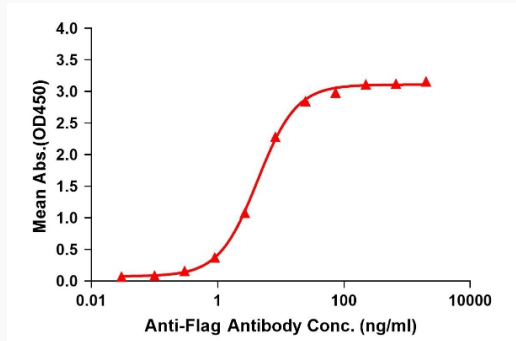
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