

AGTR1

Human Type-1 Angiotensin II Receptor

Catalog No.	CSH1028MP	Quantity:	10 mg
	CSH1028PR		50 µg

Alternate Names: AG2S, AT1, AT1BR, HAT1R

Description: Angiotensin II receptor type 1 is the best characterized angiotensin receptor. It has vasopressor effects and regulates aldosterone secretion. It is an important effector controlling blood pressure and volume in the cardiovascular system. The angiotensin receptor is activated by the vasoconstricting peptide angiotensin II. The activated receptor in turn couples to Gq/11 and thus activates phospholipase C and increases the cytosolic Ca²⁺ concentrations, which in turn triggers cellular responses such as stimulation of protein kinase C.

The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.

Gene ID: 185

UniProtKB: P30556

Format: Cell line, membrane preparation, or purified protein

Source: HEK 293 or CHO cells

Characterization: Expression of receptor was verified by immunostaining. Receptor demonstrates biological activity when tested in a radioligand assay.

Affinity Tag Options: Receptor construct: AGTR1 is available in 2xTwinStrep-tag with HIS-tag.

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