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Datasheet for ABIN935209

**Angiotensin II Receptor, Type 2 (AGTR2) Peptide**

## Overview

Quantity:	100 µg
Target:	Angiotensin II Type 2 Receptor (AGTR2)
Origin:	Hormone
Source:	Synthetic
Peptide Type:	Synthetic
Application:	Blocking Peptide (BP), ELISA

## Product Details

Cross-Reactivity (Details):	This 18 AA human immunogenic peptide is 100 % homologous in rabbit, 88 % identical in rat and 83 % with mouse AT2 receptors. It has no sequence homology with AtII type 1 or other G-protein coupled receptors.
Characteristics:	<p>A synthetic AT2 Blocking peptide for use as a blocking control in assays to test for specificity of AT2 antibody,</p> <p>Alternative Names: AT2 Blocking peptide, Angiotensin II Blocking peptide, AT-2 Blocking peptide, AT2 Control peptide, Angiotensin II Blocking peptide, AT-2 Blocking peptide, AT2 Control peptide</p>

## Target Details

Target:	Angiotensin II Type 2 Receptor (AGTR2)
Background:	Angiotensin II is a potent pressor hormone and a primary regulator of aldosterone secretion. It acts through at least two types of receptors termed AT1 and AT2. AGTR2 belongs to a family 1 of G protein-coupled receptors. It is an integral membrane protein. It plays a role in the central

## Target Details

nervous system and cardiovascular functions that are mediated by the renin-angiotensin system.

Molecular Weight: <3 kDa

## Application Details

Application Notes: Optimal conditions should be determined by the investigator

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstitute in 100 µL of PBS.

Buffer: Lyophilized from PBS, pH 7.5, with 0.05 % NaN<sub>3</sub>.

Preservative: Sodium azide

Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.