

## Recombinant Human AGTR2, GST-tagged

Cat. No. AGTR2-30H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human AGTR2 (1 a.a. - 363 a.a.) fused with GST-tag at N-terminal, was expressed in wheat germ.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	The protein encoded by this gene belongs to the G-protein coupled receptor 1 family, and functions as a receptor for angiotensin II. It is an intergal membrane protein that is highly expressed in fetus, but scantily in adult tissues, except brain, adrenal medulla, and atretic ovary. This receptor has been shown to mediate programmed cell death and this apoptotic function may play an important role in developmental biology and pathophysiology. Mutations in this gene are been associated with X-linked mental retardation.
<b>Molecular Mass</b>	67.6 kDa
<b>Sequence</b>	MKGNSTLATTSKNITSGLHFGLVNIISGNNESTLNCSQKPSDKHLDAIPILYYIIFVIGFL VNIVVVTLFCCQKGPVKVSSIIYIFNLAVADLLLLLATLPLWATYYSYRYDWLFGPVMCK VFGSFLTLMFASIFFITCMSVDRYQSVIYPFLSQRRNPWQASYIVPLVWCMACLSSL PTFYFRDVRTIEYLGVNACIMAFPPEKYAQWSAGIALMKNILGFIPLIFIATCYFGIRKH LLKTNSYGKNRITRDQVLKMAAAVVLAFIICWLPHVLTFLDALAWMGVINSCEVIAVI DLALPFAILLGFTNSCVNPFLYCFVGNRFQQLRSVFRVPITWLQGKRESMSCRKSS SLREMETFVS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storagebuffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
<b>Applications</b>	ELISA; WB
<b>Storage</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>OfficialSymbol</b>	AGTR2

## GENE INFORMATION

<b>Gene Name</b>	AGTR2 angiotensin II receptor, type 2 [ Homo sapiens ]
<b>Synonyms</b>	AGTR2; angiotensin II receptor, type 2; angiotensin receptor 2; type-2 angiotensin II receptor; AT2; MRX88; angiotensin II type-2 receptor; ATGR2
<b>Gene ID</b>	186
<b>mRNA Refseq</b>	NM_000686
<b>Protein Refseq</b>	NP_000677
<b>MIM</b>	300034
<b>UniProt ID</b>	P50052
<b>Chromosome Location</b>	Xq22-q23
<b>Pathway</b>	ACE Inhibitor Pathway; Class A/1 (Rhodopsin-like receptors); GPCR downstream signaling
<b>Function</b>	angiotensin type II receptor activity; protein binding; receptor antagonist activity

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