

Recombinant Human AGTR2, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human AGTR2 (1 a.a. - 363 a.a.) fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
Description	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 intergral 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.
Molecular Mass	67.6 kDa
Sequence	MKGNSTLATTSKNITSGLHFGLVNIISGNNESTLNCSQKPSDKHLDAIPILYYIIFVIGFL VNIVVVTLFCCQKGPKKVSSIIYIFNLAVADLLLLATLPLWATYYSYRYDWLFGPVMCK VFGSFLTLMFASIFFITCMSVDYQSVIYPFLSQRRNPWQASYIVPLVWCMACLSSL PTFYFRDVRTIEYLGVNACIMAFPPEKYAQWSAGIALMKNILGFIIPLIATCYFGIRKH LLKTNSYGKNRITRDQVLKMAAAVLAFIICWLFPFHVLTFLDALAWMGVINSCEVIAVI DLALPFAILLGFTNSCVNPFLYCFVGNRFQQLRSVFRVPITWLQGKRESMSCRKSS SLREMETFVS

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

GENE INFORMATION

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

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