

Recombinant Rat Agt Protein, His-tagged

Cat. No. Agt-1159R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant rat Agt (NP_602308.1) (Met1-Val477) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-477 a.a.
Predicted N Terminal	Asp 25
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat Agt consists 464 amino acids and predicts a molecular mass of 51 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

Agt angiotensinogen (serpin peptidase inhibitor, clade A, member 8) [*Rattus norvegicus*]

Official Symbol

Agt

Synonyms

AGT; angiotensinogen (serpin peptidase inhibitor, clade A, member 8); angiotensinogen; serpin A8; angiotensin II; angiotensinogen (PAT); Ang; PAT; ANRT; AngII;

Gene ID

24179

mRNA Refseq

NM_134432

Protein Refseq

NP_602308

MIM
UniProt ID
Pathway

ACE Inhibitor Pathway, organism-specific biosystem; Adipogenesis, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organi

Function

acetyltransferase activator activity; acetyltransferase activator activity; alpha1-adrenergic receptor activity; angiotensin receptor binding; hormone activity; serine-type endopeptidase inhibitor activity; type 1 angiotensin receptor binding; type 1 angi

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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