Human AGTR2 Protein, hFc Tag Cat. No. PME101801



PRODUCT INFORMATION

TargetAGTR2SynonymsAT2; ATGR2; MRX88DescriptionRecombinant human AGTR2 Protein with C- terminal human Fc tagDeliveryIn StockUniprot IDP50052Expression HostHEK293TagC-Human Fc tagMolecular CharacterizationAGTR2(Met1-Asp45) hFc(Glu99-Ala330)
DescriptionRecombinant human AGTR2 Protein with C- terminal human Fc tagDeliveryIn StockUniprot IDP50052Expression HostHEK293TagC-Human Fc tagMolecularAGTR2(Met1-Asp(5) bEc(Glu90-Ala330)
Uniprot ID P50052 Expression Host HEK293 Tag C-Human Fc tag Molecular AGTR2(Met1-Asp(5)) bEc(Glu90-Ala330)
Expression Host HEK293 Tag C-Human Fc tag Molecular AGTR2(Met1-Asp(5)) bEc(Glu90-Ala330)
Tag C-Human Fc tag Molecular ACTP2(Met1-Acp(5) bEc(Glu00-Ala330)
Molecular ACTP2(Met1-Asp/5) bEc(Glu00-Ala330)
Characterization ACTIV2(Mett-Asp45) In c(Gld95-Ald550)
Molecular WeightThe protein has a predicted molecular mass of 30.9 kDa after removal of the signal peptide.
PurityThe purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & ReconstitutionLyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping Storage & Shipping Store at -20°C to -80°C for 12 months in Iyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
 Background The protein encoded by this gene belongs to the G-protein coupled receptor 1 family, and functions as a receptor 1 or angiotensin II. It is an intergral membrane protein that is highly expressed in fetus and in neonates, 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 cognitive disability. Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV) and SARS-CoV-2 infection results in down-regulation of angiotensin converting enzyme-2 (ACE2) receptors, the effects of which, triggers serious inflammatory lesions in the tissues involved, primarily in the lungs. The inflammatory reaction appears to be mediated by angiotensin II derivatives, including the angiotensin AT2 receptor which has been found to be upregulated in bronchoalveolar lavage samples from Coronavirus disease 2019 (COVID19) patients. [provided by RefSeq, Jul 2020]
Usage Research use only
Conjugate Unconjugated

Email: info@dimabio.com Website: www.dimabio.com



Human AGTR2 Protein, hFc Tag Cat. No. PME101801





Figure 1. Human AGTR2 Protein, hFc Tag on SDS-PAGE under reducing condition.

Email: info@dimabio.com Website: www.dimabio.com

