

Datasheet for ABIN7563077
Agtr1b Protein (AA 1-359) (His tag)



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Overview

Quantity:	1 mg
Target:	Agtr1b (AGTR1B)
Protein Characteristics:	AA 1-359
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Agtr1b protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Agtr1b Protein expressed in mammalian cells.
Sequence:	MILNSSIEDG IKRIQDDCPK AGRHNYIFVM IPTLYSIIFV VGIFGNSLVV IVIYFYMKLK TVASVFLNL ALADLCFLLT LPLWAVYTAM EYQWPFGNHL CKIASASVSF NLYASVLLT CLSIDRYLAI VHPMKSRLRR TMLVAKVTCI IIVLMAGLAS LPAVIHRNVY FIENTNITVC AFHYESQNST LPIGLGLTKN ILGFVFPFVI ILTSYTLIWK ALKKAYKIQK NTPRNDDIFR IIMAILVFFF FSWVPHQIFS FLDVLIQLGV IHDCEIADV DTAMPITICI AYFNNCLNPL FYGFLGKKFK RYFLQLLKYI PPKARSHAGL STKMSTLSYR PSDNMSSAR KSAYCFEVE Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	Agtr1b (AGTR1B)
Alternative Name:	Agtr1b (AGTR1B Products)
Background:	Type-1 angiotensin II receptor B (AT3) (Angiotensin II type-1 receptor B) (AT1 receptor B),FUNCTION: Receptor for angiotensin II, a vasoconstricting peptide, which acts as a key regulator of blood pressure and sodium retention by the kidney. The activated receptor in turn couples to G-alpha proteins G(q) (GNAQ, GNA11, GNA14 or GNA15) and thus activates phospholipase C and increases the cytosolic Ca(2+) concentrations, which in turn triggers cellular responses such as stimulation of protein kinase C. {ECO:0000250 UniProtKB:P30556}.
Molecular Weight:	41.0 kDa
UniProt:	P29755

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months