

Datasheet for ABIN7545011

AVPR1A Protein (AA 1-418) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	AVPR1A
Protein Characteristics:	AA 1-418
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AVPR1A protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat AVPR1A Protein expressed in mammalian cells.
Sequence:	<p>MRLSAGPDAG PSGNSSPWWP LATGAGNTSR EAEALGEGNG PPRDVRNEEL AKLEIAVLAV TFAVAVLGNS SVLLALH RTP RKTSRMHLFI RHLSLADLAV AFFQVLPQMC WDITYRFRGP DWLCRVVKHL QVFGMFASAY MLVVM TADRY IAVCHPLKTL QQPARRSRLM IAAAWVLSFV LSTPQYFVFS MIEVNNVTKA RDCWATFIQP WGSRAYVTWM TGGIFVAPVV ILGTCYGFIC YNIWCNVRGK TASRQSKGAE QAGVAFQKGF LLAPCVSSVK SISRAKIRT V KMTFVIVTAY IVCWAPFFII QMWSVWDPMS VWTESENPTI TITALLGSLN SCCNPWIYMF FSGHLLQDCV QSFPCQNMK EKFNKEDTDS MSRRQTFYSN NRSPTNSTGM WKDSPKSSKS IKFIPVST</p> <p>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.</p> <p>In case you have a special request, please contact us.</p>
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, Western Blot

Grade: custom-made

Target Details

Target: AVPR1A

Alternative Name: AVPR1A ([AVPR1A Products](#))

Background: Vasopressin V1a receptor (V1aR) (AVPR V1a) (Antidiuretic hormone receptor 1a) (Vascular/hepatic-type arginine vasopressin receptor),FUNCTION: Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl-inositol-calcium second messenger system. Has been involved in social behaviors, including affiliation and attachment. {ECO:0000269|PubMed:12082568}.

Molecular Weight: 46.8 kDa

UniProt: [P37288](#)

Pathways: [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Response to Water Deprivation](#), [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

	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