

Datasheet for ABIN7551882  
**ADRA2C Protein (AA 1-462) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ADRA2C
Protein Characteristics:	AA 1-462
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADRA2C protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat ADRA2C Protein expressed in mammalian cells.
Sequence:	<p>MASPALAAAL AVAAAAGPNA SGAGERGSGG VANASGASWG PPRGQYSAGA VAGLAAVVG LIVFTVVGNV LVVIAVLTSR ALRAPQNLFL VSLASADILV ATLVMPFSLA NELMAYWYFG QVWCGVYLAL DVLFACTSSIV HLCAISLDY WSVTQAVEYN LKRTPRRVKA TIVAVWLISA VISFPPLVSL YRQPDGAAYP QCGLNDETWY ILSSCIGSFF APCLIMGLVY ARIYRVAKLR TRTLSEKRAP VGPDGASPTT ENGLGAAAGA GENGHCAPPP ADVEPDESSA AAERRRRRGA LRRGRRRAG AEGGAGGADG QGAGPGAES GALTASRSPG PGGRLSRASS RSVEFFLSRR RRARSSVCRR KVAQAREKRF TFVLAVVMGV FVLCWFPPFF SYSLYGICRE ACQVPGPLFK FFFWIGYCNS SLNPVIYTVF NQDFRRSFKH ILFRRRRRGF RQ <b>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.</b></p>

## Product Details

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### Characteristics:

### Key Benefits:

- 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

## Target Details

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### Target:

ADRA2C

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### Alternative Name:

ADRA2C ([ADRA2C Products](#))

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### Background:

Alpha-2C adrenergic receptor (Alpha-2 adrenergic receptor subtype C4) (Alpha-2C adrenoreceptor) (Alpha-2C adrenoceptor) (Alpha-2CAR),FUNCTION: Alpha-2 adrenergic receptors mediate the catecholamine-induced inhibition of adenylate cyclase through the action of G proteins.

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### Molecular Weight:

49.5 kDa

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### UniProt:

[P18825](#)

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### Pathways:

[EGFR Signaling Pathway](#), [cAMP Metabolic Process](#)

## Application Details

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### 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 guarantee though.

## Application Details

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Restrictions: For Research Use only

## Handling

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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