

Datasheet for ABIN7563012  
**ADRB3 Protein (AA 1-400) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ADRB3
Protein Characteristics:	AA 1-400
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADRB3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Adrb3 Protein expressed in mammalian cells.
Sequence:	<p>MAPWPHRNGS LALWSDAPTL DPSAANTSGL PGVPWAAALA GALLALATVG GNLLVIIAIA  RTPRLQTITN VFVTSLAAAD LVVGLLVMP PP GATLALTGHW PLGETGCELW TSVDVLCVTA  SIETLCALAV DRYLAVTNPL RYGTLVTKRR ARAAVVLVWI VSAAVSFAP I MSQWWRVGAD  AEAQECHSNP RCCSFASNMP YALLSSSVSF YLPLLVM LFV YARVFVVAKR QRHLLRREL G  RFSPEESP PS PSRSPSPATG GTPAAPDGVP PCGRRPARLL PLREHRALRT LGLIMGIFSL  CWLPPFFLANV LRALAGPSLV PSGVFIALNW LGYANSAFNP VIYCRSPDFR DAFRRLLCSY  GGRGPEEPRA VTFPASPV EA RQSPPLNRFD GYEGARPFPT</p> <p><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>
Characteristics:	Key Benefits:

## Product Details

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- 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
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Grade:	custom-made
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## Target Details

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Target:	ADRB3
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Alternative Name:	Adrb3 ( <a href="#">ADRB3 Products</a> )
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Background:	Beta-3 adrenergic receptor (Beta-3 adrenoreceptor) (Beta-3 adrenoceptor),FUNCTION: Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. Beta-3 is involved in the regulation of lipolysis and thermogenesis.
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Molecular Weight:	43.0 kDa
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UniProt:	<a href="#">P25962</a>
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Pathways:	<a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Feeding Behaviour</a> , <a href="#">Brown Fat Cell Differentiation</a>
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## 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.
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## 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