

Datasheet for ABIN7561529  
**ADARB2 Protein (AA 1-745) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ADARB2
Protein Characteristics:	AA 1-745
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADARB2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Adarb2 Protein expressed in mammalien cells.
Sequence:	MASVLGSGRG SGGLSSQLKC KSKRRRRRRS KRKDKVSILS TFLAPFKYLS PGTNTTEDED NLSTSSAEVK ENRNVSNLGT RPLPPGDWAR GSTPSVKRKR PLEEGNGGHF CKLQLIWKKL SWSVTPKNAL VQLHELK PGL QYRMVSQTGP VHAPVFAVAV EVNGLTFEGT GPTKKKAKMR AAEMALKSFV QFPNAFQ AHL AMGSSTSPCT DFTSDQADFP DTLFKEFEPS SKNEDFPGCH PVDTEFLSSA YRRGRLLYHT LDLMGQALPD RSRLAPGALG ERNPVVVLNE LRSLGRYVCL SETAEKPRVK SFVMAVCVDG RTFEGSGRSK KLAKGQAAQA ALQALFDIRL PGHIPSRSKS NLLPQDFADS VSQLV TQKFR ELTVGLTSVY ARHKTLAGIV MTKGLDTKQA QVIVLSSGTK CISGEHISDQ GLVVNDCHAE IVARRAFLHF LYSQLELHLS KHQEDPERSI FIRLKEGGYR LRENILFHLV VSTSPCGDAR VNSPYEITTD LNSSKHIVRK FRGHLRTKIE SGE GTVPVRG PSAVQTDWGI LLGEQLITMS CTDKIASWNV LGLQGALLCH FIEPVYLHSI IVGSLHHTGH LARVM SHRME GIGQLPASYR QNRPLLSGVS HAEARQPGKS PHFSANWVVVG SADLEIINAT

## Product Details

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TGKRSCGGSS RLCKHVFSAW WARLHGRLST RIPSHGDTPS MYCEAKQGAH TYQSVKQQLF  
KAFQKAGLGT WVRKPPEQDQ FLLSL **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.**

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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

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## Target Details

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Target: ADARB2

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Alternative Name: Adarb2 ([ADARB2 Products](#))

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Background: Double-stranded RNA-specific editase B2 (EC 3.5.-.-) (RNA-dependent adenosine deaminase 3) (RNA-editing deaminase 2) (RNA-editing enzyme 2) (dsRNA adenosine deaminase B2),FUNCTION: Lacks editing activity. It prevents the binding of other ADAR enzymes to targets in vitro, and decreases the efficiency of these enzymes. Capable of binding to dsRNA but also to ssRNA (By similarity). {ECO:0000250}.

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Molecular Weight: 82.2 kDa

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UniProt: [Q9J120](#)

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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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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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