

Datasheet for ABIN7551371

## ADARB2 Protein (AA 1-739) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	ADARB2
Protein Characteristics:	AA 1-739
Origin:	Human
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 mammalian cells.
Sequence:	<p>MASVLGSGRG SGGLSSQLKC KSKRRRRRRS KRKDKVSILS TFLAPFKHLS PGITNTEDDD</p> <p>TLSTSSAEVK ENRNVGNLAA RPPPSGDRAR GGAPGAKRKR PLEEGNGGHL CKLQLVWKKL</p> <p>SWSVAPKNAL VQLHELRLPGL QYRTVSQTGP VHAPVFAVAV EVNGLTFEGT GPTKKKAKMR</p> <p>AAELALRSFV QFPNACQAH LAMGGGPGPGT DFTSDQADFP DTLFQEFEP APRPGLAGGR</p> <p>PGDAALLSAA YGRRRLLCRA LDLVGPTPAT PAAPGERNPV VLLNRLRAGL RYVCLAEPAE</p> <p>RRARSFVMAV SVDGRTFEGS GRSKKLARGQ AAQAALQELF DIQMPGHAPG RARRTMPMQE</p> <p>FADSIQLVT QKFREVTTDL TPMHARHKAL AGIVMTKGLD ARQAQVVALS SGTKCISGEH</p> <p>LSDQGLVND CHAEVVARRA FLHFLYTQLE LHLSKRREDS ERSIFVRLKE GGYRLRENIL</p> <p>FHLYVSTSPC GDARLHSPYE ITDLHSSKH LVRKFRGHLR TKIESGEGTV PVRGPSAVQT</p> <p>WDGVLLGEQL ITMSCTDKIA RWNVLGLQGA LLSHFVEPVY LQSIVVGS LHHTGHLARVMS</p> <p>HRMEGVGQLP ASYRHNRLPL SGVSDAEARQ PGKSPPFMSN WVGGSADLEI INATTGRRSC</p>

## Product Details

GGPSRLCKHV LSARWARLYG RLSTRTPSPG DTPSMYCEAK LGAHTYQSVK QQLFKAFQKA  
GLGTWVRKPP EQQQFLLTL **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.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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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

Target:	ADARB2
Alternative Name:	ADARB2 ( <a href="#">ADARB2 Products</a> )
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.
Molecular Weight:	80.6 kDa
UniProt:	<a href="#">Q9NS39</a>

## 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 guarantee though.
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Restrictions:	For Research Use only
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## 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