

Datasheet for ABIN7551920

APOBEC2 Protein (AA 1-224) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	APOBEC2
Protein Characteristics:	AA 1-224
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APOBEC2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat APOBEC2 Protein expressed in mammalian cells.
Sequence:	MAQKEEAAVA TEAASQNGED LENLDDPEKL KELIELPPFE IVTGERLPAN FFKFQFRNVE YSSGRNKFTL CYVVEAQGKG GQVQASRGYL EDEHAAAHA EAFNTILPA FDPALRYNVT WYVSSSPCAA CADRIKTLK KTKNLRLLIL VGRLFMWEEP EIQAALKKLE EAGCKLRIMK PQDFEYVWQN FVEQEEGESK AFQPWEDIQE NFLYEEKLA DILK 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:	Key Benefits: <ul style="list-style-type: none">• 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

Product Details

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: APOBEC2

Alternative Name: APOBEC2 ([APOBEC2 Products](#))

Background: C->U-editing enzyme APOBEC-2 (EC 3.5.4.36) (mRNA(cytosine(6666)) deaminase 2),FUNCTION: Probable C to U editing enzyme whose physiological substrate is not yet known. Does not display detectable apoB mRNA editing. Has a low intrinsic cytidine deaminase activity. May play a role in the epigenetic regulation of gene expression through the process of active DNA demethylation. {ECO:0000269|PubMed:17187054, ECO:0000269|PubMed:21496894}.

Molecular Weight: 25.7 kDa

UniProt: [Q9Y235](#)

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.

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