

Datasheet for ABIN7551999  
**AMER2 Protein (AA 1-671) (His tag)**



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## Overview

Quantity:	1 mg
Target:	AMER2
Protein Characteristics:	AA 1-671
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMER2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat AMER2 Protein expressed in mammalien cells.
Sequence:	METSRSRGGG GAVSERGGAG ASVGVCRKA EAGAGTGTLA ADMDLHCDCA AETPAAEPPS GKINKAAFKL FKKRKSGGTM PSIFGVKNKG DGKSSGPTGL VRSRTHDGLA EVLVLESGRK EEPRGGGDSG GGGGGRPNPG PPRAAGPGGG SLASSVAKS HSFFSLLKKN GRSENGKGEP VDASKAGGKQ KRGLRGLFSG MRWHRKDKRA KAEAAEGRAP GGGLILPGSL TASLECVKEE TPRAAREPEE PSQDAPRDP A GEPAGGEEVP APADRAPARS CREAEGLAHP GDTGARGEDA AGHRRAEPPG GEVRTAEDAS RTGAVPVKTV PLVDSEGGSG RAPAAPDPAS VDPPSDPSAD RICLMFSDVT SLKSFDSL TG CGDIIADQEE EAGPSCDKHV PGPGKPA LSK KNPGVVAYQG GGEEMASPDE VDDTYLQEFW DMLSQTEEQG PEPQEGA AKV AALETKVVP ETPKDTRCVE AAKDASSVKR RRLNRIPIEP HPKEEPKHPE KEQQEGVPNS DEGYWDSTTP GPEEDSSSSG KKAGIPRDSY SGDALYDLYA DPDGSPATLP GGDNEETSS LSRLKPVSPG TITCPLRTPG SLLKDSKIPI SIKHLTNLPS SHPVVHQPS RSEMPRTKIP VSKLVRRVS NRGLAGTTIR

## Product Details

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ATACHDSAKK L **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:

AMER2

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### Alternative Name:

AMER2 ([AMER2 Products](#))

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### Background:

APC membrane recruitment protein 2 (Amer2) (Protein FAM123A),FUNCTION: Negative regulator of the canonical Wnt signaling pathway involved in neuroectodermal patterning. Acts by specifically binding phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2), translocating to the cell membrane and interacting with key regulators of the canonical Wnt signaling pathway, such as components of the beta-catenin destruction complex.  
{ECO:0000269|PubMed:22128170}.

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### Molecular Weight:

69.5 kDa

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### UniProt:

[Q8N7J2](#)

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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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