

Datasheet for ABIN7557948

## AMER3 Protein (AA 1-780) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	AMER3
Protein Characteristics:	AA 1-780
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMER3 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Amer3 Protein expressed in mammalian cells.
Sequence:	<p>MELRRGKTFI KSSVQISHEK LIDSPAKEDP DKWPLSLGEQ QRAYGEKSSQ TSPCSQGYGR</p> <p>CPNKEVLSDP EGGVPVLCGT TFKLVRKSKT HDSVPGAVKA AAPTGQMVGVS TSFSETPGGQ</p> <p>RMIDYRHFVP QMPFVPAVAK SIPRKRIKSLK RSKKCFRNLF HMRRSKTENL ASLSAKGKNL</p> <p>SPSGVPAQQG TAFLSMGEGL GLDSLQCQLS DSEFLHDSPF DLCSALCEDV ASLKSFDLSLT</p> <p>GCGEIFADGS SVPSVELKDG PESPAHSPQA LDCKTPCGPA QGGMEQLMSP AQNEASDFNK</p> <p>FWDSVNRVSQ QQQRALMGPW LTSPEGTETD QTRLDTSGLA ELPLFPCRGP PSGSKASSID</p> <p>TGTPKSEQPE SVSTSDEGYG DSFSPGLEEE KKEAASPGTP AATFPRDSYS GDALYELFYD</p> <p>PSEAPVGPII DDDCVSESLS GPALGTPLSM CSFRVGAEEN LAPAPGPDLL SQGFLQSTWK</p> <p>GKECLLKLCD TELAITMGIV NWLRRTTPAT SPTPASTPAP TPALVLREPA APPDPHRVLR</p> <p>GASVGKVGRE DQATTCFPPS RQEPWAHSGT KNLLVRECEV LGEPARGSKT PSKDDSLEEG</p> <p>TQDFSEGGSS SEATMTSISG NNKAVTSATC LSSQKELGTP GNLRYSQGGL RPGRHRSALD</p> <p>PGPMLVGCVT HVAALQIYPD SNSPRQDKGN GLFWKPQAWG PNILQKNPIS SKPNEAAGCG</p>

## Product Details

LSSSASPQDQ KCRDLFLDLN QLKLEPSRLG PQACSSVDSQ PQQLCPRAPE QVPHRGSVGS

**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.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

**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.

**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

**Grade:** custom-made

## Target Details

**Target:** AMER3

**Alternative Name:** Amer3 ([AMER3 Products](#))

**Background:** APC membrane recruitment protein 3 (Amer3) (Protein FAM123C),FUNCTION: Regulator of the canonical Wnt signaling pathway. Acts by specifically binding phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2), translocating to the cell membrane (By similarity). {ECO:0000250}.

**Molecular Weight:** 83.2 kDa

**UniProt:** [Q6NS69](#)

## Application Details

Application Notes:	We expect the protein to work for functional studies. 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