

Datasheet for ABIN7561982  
**ANKAR Protein (AA 1-1465) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ANKAR
Protein Characteristics:	AA 1-1465
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKAR protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Ankar Protein expressed in mammalian cells.
Sequence:	MSRIVKKGIV KIDQEQDEET FRENLAVQRN ASAFFEKYDR TEVQELLTTT LVSWLAAKDD ARSQLETPCG LMSQMNNAGF STAILLTPVD PTALLDYREV HQILRELAIG IYCLNQIPSI SLEANFDQSS SCQLPPAYYD TRVGQILIQI DYMLKALWHG IYMPKEKRAR FSELWRTIMD IDLDGKPQTT KNVFSEFSSA GLVDITNDPD FNGIYDEDMN EDPTYEPNSP EEKAVFMKYA ESIMMKLTFS TVQIQQHENI FIFETAYWLS NAIKYNQDYL DICTYQRLQK RLYLQKKVIQ KHFEKKKEIR RGMGYLKLIC FLIPFLLSLK RKMKVPLYNS LLPPFSDDKV KTERELPPFI YGRDFKCQNF DYKQHQQYFHV HGGIEFDIST HPVESALDEF KKNVEKIWEC ASSASAEDAG YKEVYPIPVM ELNGKSYYVI HFELEIFYQQ LYKTQWWVAI NETVNNLKVK RLPLTEDQLH EQFKKKFGLK KAMKCKSIPF GVKSAVERGL SAVFYTFSRK TSSSTINVSD EAGYAIFHHA ALHNRVSVIC QLWSANFNVN QRRFIMFSQA DSSKVDMKKE RNGPTPLHLA AQACSLEATI CLLCFKADYT LTEKRGWMPH HFAAFYDNIC ILIALCRKDP SLLEAEATAE NQCTPLLLAA TSGALDTIQY LFSLGANWRK TDTKGNIIH LSVLAFHTEV LKYIIELNIP ELPVWETLVE

MLQCESSKRR MMAVMSLEVI CLANDRYWQC ILDAGTIPAL VNLLKSPQIK LQYKTVGLLS  
NISTHVSIVH AIVEAGGIPA VINLLTSDEP ELHSRCAIL YDVAKCNKD VIAKYSGIPA LINLLSLNKE  
SVLVNVMNCI RVLCMGNESN QQSMKDNGI QYLIQFLSSD SDVLKALSSA TIAEVARDNK  
EVQDAIAKEG AIPPLVTLFK GKQLSVQVKG AMAVESLANC NPLIQKEFLE RELTKDLLKL  
LQAFQIDVKE QGAIALWALA GQTLKQQKYM AEQIGYNLII SMLLSPSAKM QYVGGAEVIA  
LSKDSRMHQN QICEGKGIAP LVRLLRINKI PEGTLLSVIR AVGSICIGVA HTSNPMSQQF  
VVEENALPVL IQLLRNHPSI NIRVEVAFSL ACIVLGNNSL KKELQNDEGF EYSDVLYLLH  
SKDKEVCLKA GYALTLFAFN DRFQQHLILE TGLITVSIFE PFLQSSVETE RAMAAFQIII LAKAIIDVEH  
VTLYGRGIQI LADSLNSVHA PTIALTGNII ASLAHSRAGI PEAQVSLGTV QRLCYHLYAR  
SEEVRTACSC ALGYLTYNNAH AFRLLLTECR NKPNQFLRIT NNISKDAKIN PAFLKEFQLQ  
QRMGLPSLSL ERNGGPPVIP VFKKGKEHRQ KTRPKIQPRD SLTLLPPVTN VKELFRTTHK  
ANISHNTFSF PSGVSSDIIN VSRPRIAFLN KLGKDEQKAN PDPPAFLNKL GKDEQANANPD PAESQ

**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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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.

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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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target:	ANKAR
Alternative Name:	Ankar ( <a href="#">ANKAR Products</a> )
Background:	Ankyrin and armadillo repeat-containing protein
Molecular Weight:	165.3 kDa
UniProt:	<a href="#">A2RT91</a>

## Application Details

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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

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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