

Datasheet for ABIN7552216
ANKAR Protein (AA 1-1434) (His tag)



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Overview

Quantity:	1 mg
Target:	ANKAR
Protein Characteristics:	AA 1-1434
Origin:	Human
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:	MLRLPKKGLP RFEQVQDEDT YLENLAIQRN ASAFFEKYDR SEIQELLTTA LVSWLSAKED VRSQVDLPCG IMSQMNNVGF STAILLTPVD PTALLDYREV HQMIRELAIG IYCLNQIPSI SLEANYDQSS SCQLPPAYYD TRIGQILINI DYMLKALWHG IYMPKEKRAR FSELWRAIMD IDPDGKPQTN KDIFSEFSSA GLTDITKDPD FNEIYDEDVN EDPTYDPNSP EETAVFMKYA ENIMLKLTFSS TTQIQYENV FIFETGYWLT NAIKYNQDYD DICTYQRLQQ RLYLQKKIIQ KHFEKKKDIR RGIGYLKLC FLIPFLLSLK KMKVLPYLSS LLQPFSDDKV KTERELPPFI YGRDFKCQNF HYKENQYFHV HGGIEFDIST PSIENALEDF QKNLEKIRDC AANTFIEDSG YKEYYSIPVM EFHGKSYVI YFELETYFQQ LYKTQWWGAI NEIVNNLRLK RLPLTDAQLH EQFKKLGFK RAMKCKSIPF GMKSAVERGL SAVFHTFSRK TSSSTINVSD EAGYTIFHHA ALHNRVSIIC QLCNANFKVN QRRFVTFSSQ PTPLHLAAQA CSLETTVCLL CSKADYTLSE KRGWMPHFIA AFYDNVCIII ALCRKDPSLL EAEATAENQC TPLLLAATSG ALDTIQYLFSS IGANWRKTDI KGNIIHLSV LTFHTEVLKY IIKLNPELP VWKTLVEMLQ CESYKRRMMA

VMSLEVICLA NDQYWRCILD AGTIPALINL LKSSKIKLQC KTVGLLSNIS THKSAVHALV
EAGGIPSLIN LLVCDEPEVH SRCAVILYDI AQCENKDVIA KYNGIPSLIN LLNLNIENVL
VNVMNICIRVL CIGNENNQRA VREHKGLPYL IRFLSSDSV LKAVSSAAIA EVGRDNKEIQ
DAIAMEGAIP PLVALFKGKQ ISVQMKGAMA VESLASHNAL IQKAFLEKSL TKYLLKLLKA
FQIDVKEQGA VALWALAGQT LKQQKYMAEQ IGYSFIINML LSPSAKMQYV GGEAVIALSK
DSRMHQIQIC EGNGIAPLVR LLRISTIAEG TLLSVIRAVG SICIGVAHTS NPVSQQLVVD
ENAFPVLIQL LRNHPSPIK VEVAFLSLACI VLGNDVLQKD LHENEGFEYA DVLYLLHSTE
KDICLRAGYA LTLFAFNNRF QQYLILESGI MTISIFERFL ESTVETEKAM AAFQIVVLAK
VIRDMDHITL SARGVTILVD SLYSVQTSTI VLTGNLIASL AHSRAGIPEA FTTLGTIQR
CYHLYSGIEE VRAACSSALG YLTYNANAFR ILLKECRNKP NQFIRIKNNI SRDASINPAF
LKEFQMQQL VGLPSLSLEK NGGPSIPIF KRGKEHRRKL KPFIQPKDSL TLLPPVTNFM
GLFKATKTK DSHNIFSFSS TITSDITNVS RPRIVCLNQL GKHVQKANPE PAEG **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:	ANKAR
Alternative Name:	ANKAR (ANKAR Products)
Background:	Ankyrin and armadillo repeat-containing protein
Molecular Weight:	162.0 kDa
UniProt:	Q7Z5J8

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