

Datasheet for ABIN3089168

ANKRD30A Protein (AA 1-1397) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	1 mg
Target:	ANKRD30A
Protein Characteristics:	AA 1-1397
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKRD30A protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), Crystallization (Crys), SDS-PAGE (SDS)

Product Details

Sequence:	MEEISAAVK VVGPSPERFSP FSQLVYTSND SYIVHSGDLR KIHKAASRGQ VRKLEKMTKR KKTINLNIQD AQKRTALHWA CVNGHEEVVT FLVDRKCQLD VLDGEHRTPL MKALQCHQEA CANILIDSGA DINLVDVYGN TALHYAVYSE ILSVAKLLS HGAVIEVHNK ASLTPLLLSI TKRSEQIVEF LLIKNANANA VNKYKCTALM LAVCHGSSEI VGMLLQQNVD VFAADICGVT AEHYAVTCGF HHIHEQIMEY IRKLSKNHQN TNPEGTSAGT PDEAAPLAER TPDTAESLVE KTPDEAAPLV ERTPDTAESL VEKTPDEAAS LVEGTSKIQ CLEKATSGKF EQSAEETPRE ITSPAKETSE KFTWPAKGRP RKIAWEKKED TPREIMSPAK ETSEKFTWAA KGRPRKIAWE KKETPVKTGC VARVTSNKT VLEKGRSKMI ACPTKESSTK ASANDQRFPS ESKQEEDEEY SCDSRSLFES SAKIQVCIPE SIYQKVMEIN REVEEPPKKP SAFKPAIEMQ NSVPNKAFEL KNEQTLRADP MFPPESKQKD YEENSWDSES LCETVSQKDV CLPKATHQKE IDKINGKLEE SPNKDGLLKA TCGMKVSIPT KALELKDMQT FKAEPGPKPS AFEPATEMQK SVPNKALELK NEQTLRADEI LPSESKQKDY EENSWDTESL CETVSQKDVC LPKAAHQKEI DKINGKLEGS
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PVKDGLLKAN CGMKVSIPTK ALELMDMQTF KAEPPEKPSA FEPAIEMQKS VPNKALELKN
EQTLRADEIL PSESKQKDYE ESSWDESLC ETVSQKDVCL PKATHQKEID KINGKLEESP
DNDGFLKAPC RMKVSIPKA LELMDMQTFK AEPPEKPSAF EPAIEMQKSV PNKALELKNE
QTLRADQMFP SESKQKKVEE NSWDESLRE TVSQKDVCLP KATHQKEMDK ISGKLEDSTS
LSKILDTVHS CERARELQKD HCEQRTGKME QMKKKFCVLK KKLSEAKEIK SQLENQKVKW
EQELCSVRLT LNQEEEEKRRN ADILNEKIRE ELGRIEEQHR KELEVKKQLE QALRIQDIEL
KSVESNLNQV SHTHENENYL LHENCMLKE IAMLKLEIAT LKHQYQEKEN KYFEDIKILK
EKNAELQMTL KLKEESLTKR ASQYSGQLKV LIAENTMLTS KLKEQDKEI LEAEIESHHP
RLASAVQDHD QIVTSRKSQE PAFHIAGDAC LQRKMNVDS STIYNNEVLH QPLSEAQRKS
KSLKINLNYA GDALRENTLV SEHAQRDQRE TQCQMKEAEH MYQNEQDNVN KHTEQQESLD
QKLFQLQSKN MWLQQQLVHA HKKADNLSKI TIDIHFLERK MQHHLLKEKN EEIFNYYNNHL
KNRIYQYEKE KAETENS

Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.

Characteristics:

- Made in Germany - from design to production - by highly experienced protein experts.
- Human ANKRD30A Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
- 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 will ensure that you receive a correctly folded protein.

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.

In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).

When you order this made-to-order protein you will only pay upon receipt of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered.

The concentration of our recombinant proteins is measured using the absorbance at 280nm. The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.

The concentration of the protein is calculated using its specific absorption coefficient. We use the ExPASy's protparam tool to determine the absorption coefficient of each protein.

Product Details

Purification:	Two step purification of proteins expressed in baculovirus infected SF9 insect cells: <ol style="list-style-type: none">1. In a first purification step, the protein is purified from the cleared cell lysate using three different His-tag capture materials: high yield, EDTA resistant, or DTT resistant. Eluate fractions are analyzed by SDS-PAGE.2. Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 µm filtered
Endotoxin Level:	Protein is endotoxin free.
Grade:	Crystallography grade

Target Details

Target:	ANKRD30A
Alternative Name:	ANKRD30A (ANKRD30A Products)
Molecular Weight:	159.8 kDa Including tag.
UniProt:	Q9BXX3

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.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	100 mM NaCl, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer.

Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: Unlimited (if stored properly)

Images



Image 1. „Crystallography Grade“ protein due to multi-step, protein-specific purification process