

Datasheet for ABIN7552288  
**ANKRD53 Protein (AA 1-530) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ANKRD53
Protein Characteristics:	AA 1-530
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKRD53 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ANKRD53 Protein expressed in mammalian cells.
Sequence:	MASAGSTARR AGSGSWHSER GEGRGARPQP TPGSMQQAN KVSLKATWTD AESKQPSQPL PDLADHLSAQ ATALARPRRP ASLTPPRADP SPSKESDQTA IDQTAIGSY YQLFAAAVGNV EWLRFCLNQS LREIPTDDKG FTAIHFAAQW GKLACLQVLV EYKFPVDLL TNNSQTPLHL VIHRDNTTVA LPCIYLLLEK GADLNAQTCN GSTPLHLAAR DGLLDCKVKV VQSGANVHAQ DAMGYKPIDF CKIWNHRACA RFLKDAMWKK DKKDFAREMT KMKMFKSQLT LMEHNYLIEY QKEHKILREA AIRKWLHGKL HPGHSLVSNT KQARATALSK TPEQRESQRS RSFHPSVDAR LQCIPQPTM PKPIYRKPTV KRPTMWNVSN NPARPPTTQI SHSQGIRLGV HPDPTPEHDF SSFLEVRPDG HGGARLHTVD GHWWAPVPRL PFEVLLRMLY PRVWPYRMKV PQGFYPISMR EVPRKRHLGD NTFWDTLAM NLRDTFDEAF LAAVRSHQGL PTLPSQTNP <b>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.</b>

## Product Details

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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

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## Target Details

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**Target:** ANKRD53

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**Alternative Name:** ANKRD53 ([ANKRD53 Products](#))

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**Background:** Ankyrin repeat domain-containing protein 53,FUNCTION: Required for normal progression through mitosis. Involved in chromosome alignment and cytokinesis via regulation of microtubules polymerization. {ECO:0000269|PubMed:26820536}.

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**Molecular Weight:** 59.6 kDa

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**UniProt:** [Q8N9V6](#)

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## 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.

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**Restrictions:** For Research Use only

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## 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