

Datasheet for ABIN7552151  
**ANKLE1 Protein (AA 1-615) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ANKLE1
Protein Characteristics:	AA 1-615
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKLE1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ANKLE1 Protein expressed in mammalian cells.
Sequence:	<p>MCSEARLARR LRDALREEEP WAVEELLRCG ADPNLVLEDG AAVHLAGA RHPRGLRCLG            ALLRQGGDPN ARSVEALTPL HVAAAWGCRR GLELLLSQGA DPALRDQDGL RPLDLALQQG            HLECARVLQD LDTRTRTRTR IGAETQEPEP APGTPGLSGP TDETLSIAL QKQPCRGDNR            DIGLEADPGP PSLPVPLETV DKHGSSASPP GHWDYSSDAS FVTAVEVSGA EDPASDTPPW            AGSLPPTRQG LLHVHMANQR VPRSQGTEAE LNARLQALTL TPPNAAGFQS SPSSMPLLLDR            SPAHSPRTP TPGASDCHCL WEHQTSIDSD MATLWLTEDE ASSTGGREPV GPCRHLPVST            VSDLELLKGL RALGENPHPI TPFTRQLYHQ QLEEAQIAPG PEFSGHSLEL AAALRTGCIP            DVQAEDALA QQFEQDPAR RWREGVVKSS FTYLLLDPRE TQDLPARAFS LTPAERLQTF            IRAIFYVGKG TRARPYVHLW EALGHHGRSR KPHQACPKV RQILDIWASG CGVVSLLHCFQ            HVVAVEAYTR EACIVEALGI QLTNQQQGH CYGVVAGWPP ARRRRLGVHL LHRALLVFLA            EGERQLHPQD IQARG <b>Sequence without tag. The proposed Purification-Tag is based on            experiences with the expression system, a different complexity of the protein could make</b></p>

## Product Details

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**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

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## Target Details

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**Target:** ANKLE1

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**Alternative Name:** ANKLE1 ([ANKLE1 Products](#))

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**Background:** Ankyrin repeat and LEM domain-containing protein 1 (EC 3.1.-.-) (Ankyrin repeat domain-containing protein 41) (LEM-domain containing protein 3),FUNCTION: Endonuclease that probably plays a role in the DNA damage response and DNA repair.  
{ECO:0000269|PubMed:22399800, ECO:0000269|PubMed:27245214}.

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**Molecular Weight:** 66.9 kDa

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**UniProt:** [Q8NAG6](#)

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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

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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