

Datasheet for ABIN7557918  
**ANKS6 Protein (AA 1-883) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ANKS6
Protein Characteristics:	AA 1-883
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANKS6 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Anks6 Protein expressed in mammalian cells.
Sequence:	MGEGALAPGL QLLLRACEQG DTDTARRLLE PGADPVAGPE AGAEPAGPEA VRAAEAGAPV PVDCSDEAGN SALQLAAAGG HEPLVRFLLR RGASVNSRNH YGWSALMQAA RCGHVSVAHL LLDHGADVNA QNRLGASVLT VASRGGHLGV VKLLLEAGAI VDHHTPSGES PATGGSGDEL LGITALMAAV QHGHEAVVRL LMEWGADPNH TARTVGWSPL MLAALLGKLN VAQQLVEKGA NPDHLSVLEK TAFEVALDRK YRDLAEYLDL LTTVRPKTDE EKRRPDIFYA LKMGNFQLVK EIADEDPNHV NLVNGDGATP LMLAAVTGHL PLVQLLVEKH ADMDKQDSVH GWTALMQATY HGNKEIVKYL LNQGADVALR AKNGYTAFDL VMLLNDPDTE LVRLASVCM QVNKDRGRPS HRPPLPHSKA RQPWSIPVLP DDKGGLKSWW SRMSNRFKRL KLMQTLPRGL AANQLPLFSD EPELALDSTM RAPPQDRTSH LGPPEAAHAT KDSGPGNPRR EKGDVLLTTM LRNGAPFPRL PSDKLKAVIP PFLPPSSFEL WSSDRSHTCH NGKADPTKTA LPPRASRAHP VGCVGTGDGAT SRPVKFPSIS RSPASPASSG SFNHSPHSSG GASGIGGMSR LGGELHSRSG GSVDSVLSQI AAQRKKAAGL CEQKPRQQSS PVGPATSSSP PELPASLPSS GSGSSSGPSS SKKLDPSKRP

## Product Details

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PSGTSATSKS TSPTLTPSPS PKGHTAESSV SSSSSHRQSK SSGGSSSGTI TDEDELTGIL  
KKLSLEKYQP IFEEQEVDM E AFLTLTDGDL QELGIKTDGS RQQLAAISE LNAGKGRERQ  
ILQETIHNFH SSFESSASNT RAPGNGPSMA GWTRPEETVS SRR **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

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Target: ANKS6

Alternative Name: Anks6 ([ANKS6 Products](#))

Background: Ankyrin repeat and SAM domain-containing protein 6 (SamCystin) (Sterile alpha motif domain-containing protein 6) (SAM domain-containing protein 6),FUNCTION: Required for renal function. {ECO:0000250|UniProtKB:Q68DC2}.

Molecular Weight: 93.5 kDa

## Target Details

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UniProt: [Q6GQX6](#)

## 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