

Datasheet for ABIN7564941

## CACTIN Protein (AA 1-772) (His tag)



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### Overview

Quantity:	1 mg
Target:	CACTIN
Protein Characteristics:	AA 1-772
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CACTIN protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Cactin Protein expressed in mammalian cells.
Sequence:	<p>MRGAGRQMGR DSRSRRSVG RRGRKQRSRS RGRSRRSRSRS RSRSRRSRSRS RSRSHGRSSR</p> <p>RRREHERRRE RKRRSRGRRS DSEGEQRQKS RRRSQSLRPP RWHSQSQSSC SDSGEERAQG</p> <p>SWARKGHRRS WSPGSSASSL DSPRRSRSPG TATLALSQQQ SLQERLRLRE ERKQQEELLK</p> <p>AFETPEEKRA RRLAKKEAKE RKKREKMGWG EGYMGYTNTD NPFQDNNLLG TFIWNKALEK</p> <p>KGISHLEEKE LKERNKRIQE DNRLELQKVK QLRLEREREK AMREQELELL QREKEAEHFK</p> <p>TWEEQEDSFH LRQAKLRSKI RIRDGRAKPI DLLAKYISAE DDLAVEMHE PYTFLNGLTV</p> <p>ADMEDLLEDI QVYMELEQ GK NVDFWRDMTT ITEDEIAKLR KLEASGKGPG ERREGVNASV</p> <p>SSDVQSVFKG KTYNQLQVIF QGIEGKIRAG GPNLDMGYWE SLLQQLRAHM ARARLRERHQ</p> <p>DVLRQKLFKL KQEQGVESEP LFPILKSEPS AAHSPEPEER PPSPGTSVDP VEPVEPEEAT</p> <p>APGEAEGEAE GEAFLMEEDL IQQSLADYDA GRYSRLLTA HELPLDAHVL EPHEDLQRLQ</p> <p>LSRQQLQATG DASESAEDIF FRRAREGMGQ DEAFQSVEMP LGGRAYLWAD KYRPRKPRFF</p>

NRVHTGFEWN KYNQTHYDFD NPPPKIVQGY KFNIFYPDLI RKRRATPEYFL EACADNRDFA  
ILRFHAGPPY EDIAFKIVSR EWEYSHRHGF RCQFANGIFQ LWFHFKRYRY RR **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.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	CACTIN
Alternative Name:	Cactin ( <a href="#">CACTIN Products</a> )
Background:	Splicing factor Cactin,FUNCTION: Plays a role in pre-mRNA splicing by facilitating excision of a subset of introns (By similarity). Required for the splicing of CDCA5/Sororin, a regulator of sister chromatid cohesion (By similarity). Involved in the regulation of innate immune response (By similarity). Acts as a negative regulator of Toll-like receptor, interferon-regulatory factor (IRF) and canonical NF-kappa-B signaling pathways (By similarity). Contributes to the regulation of transcriptional activation of NF-kappa-B target genes in response to endogenous pro-inflammatory stimuli (By similarity). {ECO:0000250 UniProtKB:Q8WUQ7}.
Molecular Weight:	90.7 kDa

## Target Details

UniProt: [Q9CS00](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

## 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.

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