

[Go to Product page](#)

Datasheet for ABIN7561200  
**CIR1 Protein (AA 1-450) (His tag)**

## Overview

Quantity:	1 mg
Target:	CIR1
Protein Characteristics:	AA 1-450
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CIR1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Cir1 Protein expressed in mammalian cells.
Sequence:	<p>MGKSFANFMC KKDFHPASKS NIKKVWMAEQ KISYDKKKQE ELMQQYLKEQ ESYDNRLLMG DERVKNGLNF MYEAPPGVKK ENKEKEETEG ETEYKFEWQK GAPREKYAKD DMNIRDQPFQ IQVRNVRCIK CHKWGHVNTD RECPLFGLSG INASSVPTDG SGPSMHPSEL IAEMRNSGFA LKRNVLGRNL TANDPSQDYV ASDCEEDPEV EFLKSLTTKQ KQKLLRKLDR LEKKKKKKKS DKKKKKLQKS KNKHKKRKNK SPSSSSSSSS SSSSSSSSSS SSSSSSETSD SSES DNKEK KREKEKRKKK KKT KCSESKS SDCKEDKPKN MLYEELSSSH SDRGKAQEKL RFPKQESSGE NSMWVHSASD RTSRSHRHSP EKKGSDRNRG IRSRSRRAE SSRRSRSP YRQKHREVR RPHRSPSEEQ KGRKGTRSHG EGDHRREHVR <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></p>

## Product Details

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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, Western Blot

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### Grade:

custom-made

## Target Details

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### Target:

CIR1

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### Abstract:

[CIR1 Products](#)

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### Background:

Corepressor interacting with RBPJ 1 (CBF1-interacting corepressor),FUNCTION: Regulates transcription and acts as a corepressor for RBPJ. Recruits RBPJ to the Sin3-histone deacetylase complex (HDAC). Required for RBPJ-mediated repression of transcription (By similarity). May modulate splice site selection during alternative splicing of pre-mRNAs. {ECO:0000250, ECO:0000269|PubMed:15652350}.

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### Molecular Weight:

51.8 kDa

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### UniProt:

[Q9DA19](#)

## Application Details

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### 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.

## Application Details

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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