

Datasheet for ABIN7559645  
**CACUL1 Protein (AA 1-377) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CACUL1
Protein Characteristics:	AA 1-377
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CACUL1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Cacul1 Protein expressed in mammalian cells.
Sequence:	<p>MEESMEEEEEM LTYEAMMDDQ NHNNWEAAAD SFRQPPPAPP LPPPPPPRPS SSIPDPGREL            PGGQLLAVHA GSMERKGPKE GLPMGPPPLP EPNGVIMMLK SCDAAAAVAK TAPAPTSST            ININTSTSKF LMNVITIEDY KSTYWPKLDG AIDQLLTQSP GDYIPISYEY IYSCVYKCVC            QQHSEQMYSY LIKKITSHLE RVSKELQASP PDLYIERFNI ALGQYMGALQ SIVPLFIYMN            KFYIETKLNK DLKDDLIKLF TEHVAEKHIY SLMPLLLLEAQ STPFQVTPST MANIVKGLYT            LRPEWVQMAP TLFSKFIPNI LPPAVESELS EYAAQDQKLQ RELIQNGFTR GDQSRKRAGD            ELAYNSPSAC ASSRGYR <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>
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:

## Product Details

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- 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)
Grade:	custom-made

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## Target Details

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Target:	CACUL1
Alternative Name:	Cacul1 ( <a href="#">CACUL1 Products</a> )
Background:	CDK2-associated and cullin domain-containing protein 1,FUNCTION: Cell cycle associated protein capable of promoting cell proliferation through the activation of CDK2 at the G1/S phase transition. {ECO:0000250}.
Molecular Weight:	42.1 kDa
UniProt:	<a href="#">Q8R0X2</a>

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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.
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