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Datasheet for ABIN7548531  
**ING5 Protein (AA 1-240) (His tag)**

## Overview

Quantity:	1 mg
Target:	ING5
Protein Characteristics:	AA 1-240
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ING5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat ING5 Protein expressed in mammalien cells.
Sequence:	<p>MATAMYLEHY LDSIENLPCE LQRNFQLMRE LDQRTEDKKA EIDILAAEYI STVKTLSPDQ RVERLQKIQN AYSKCKEYSD DKVQLAMQTY EMVDKHIRRL DADLARFEAD LKDKMEGSDF ESSGGRGLKK GRGQKEKRGSRGRGRRTSEE DTPKKKKHKG GSEFTDTILS VHPSDVLDMP VDPNEPTYCL CHQVSYGEMI GCDNPDCPIE WFHFACVDLT TKPKGKWFPC RCVQEKRKKK</p> <p><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>
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 mammalien cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and</li></ul>

## Product Details

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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
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## Target Details

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Target:	ING5
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Alternative Name:	ING5 ( <a href="#">ING5 Products</a> )
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Background:	Inhibitor of growth protein 5 (p28ING5),FUNCTION: Component of the HBO1 complex, which specifically mediates acetylation of histone H3 at 'Lys-14' (H3K14ac) and, to a lower extent, acetylation of histone H4 (PubMed:24065767). Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity (PubMed:16387653). Through chromatin acetylation it may regulate DNA replication and may function as a transcriptional coactivator (PubMed:12750254, PubMed:16387653). Inhibits cell growth, induces a delay in S-phase progression and enhances Fas-induced apoptosis in an INCA1-dependent manner (PubMed:21750715). {ECO:0000269 PubMed:12750254, ECO:0000269 PubMed:16387653, ECO:0000269 PubMed:21750715, ECO:0000269 PubMed:24065767}.
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Molecular Weight:	27.8 kDa
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UniProt:	<a href="#">Q8WYH8</a>
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Pathways:	<a href="#">Chromatin Binding</a>
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## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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## Application Details

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as well. 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

## 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