

Datasheet for ABIN7548516
ING2 Protein (AA 1-280) (His tag)



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Overview

Quantity:	1 mg
Target:	ING2
Protein Characteristics:	AA 1-280
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ING2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ING2 Protein expressed in mammalian cells.
Sequence:	<p>MLGQQQQQLY SSAALLTGER SRLTLCYVQD YLECVESLPD DMQRNVSVLR ELDNKKYQETL KEIDDVYEKY KKEDDLNQKK RLQQLLRAL INSQELGDEK IQIVTQMEL VENRARQMEL HSQCFQDPAE SERASDKAKM DSSQPERSSR RPRRQRTSES RDLCHMANGI EDCDDQPPKE KKSLSAKKKK RSKAKQEREA SPVEFAIDPN EPTYCLCNQV SYGEMIGCDN EQCPIEFHFH SCVSLTYKPK GKWYCPKCRG DNEKTMDKST ETKKKDRRSR 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.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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, Western Blot
Grade:	custom-made

Target Details

Target:	ING2
Alternative Name:	ING2 (ING2 Products)
Background:	Inhibitor of growth protein 2 (Inhibitor of growth 1-like protein) (ING1Lp) (p32) (p33ING2),FUNCTION: Seems to be involved in p53/TP53 activation and p53/TP53-dependent apoptotic pathways, probably by enhancing acetylation of p53/TP53. Component of a mSin3A-like corepressor complex, which is probably involved in deacetylation of nucleosomal histones. ING2 activity seems to be modulated by binding to phosphoinositides (PtdInsPs). {ECO:0000269 PubMed:11481424, ECO:0000269 PubMed:12859901}.
Molecular Weight:	32.8 kDa
UniProt:	Q9H160
Pathways:	Chromatin Binding , Autophagy , Negative Regulation of intrinsic apoptotic Signaling

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.
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Application Details

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