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Datasheet for ABIN7561762
ING1 Protein (AA 1-279) (His tag)

Overview

Quantity:	1 mg
Target:	ING1
Protein Characteristics:	AA 1-279
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ING1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ing1 Protein expressed in mammalian cells.
Sequence:	MLSPANGEQI HLVNYVEDYL DSIESLPFDL QRNVSLMREI DAKYQEILKE LDDYYEKFKR ETDGTQKRRV LHCIQRALIR SQELGDEKIQ IVSQMVOLVE NRSRQVDSHV ELFEAHQDIS DGTGGSGKAG QDKSKSEAIT QADKPNNKRS RRQRNNENRE NASNNHDHDD ITSGTPKEKK AKTSKKKKRS KAKAEREASP ADLPIDNPEP TYCLCNQVSY GEMIGCDNDE CPIEWFHFSC VGLNHKPKGK WYCPKORGES EKTMDKALEK SKKERAYNR 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.
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

- 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.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	ING1
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Alternative Name:	Ing1 (ING1 Products)
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Background:	Inhibitor of growth protein 1,FUNCTION: Isoform 1 inhibits p53-dependent transcriptional activation and may function as an oncoprotein. Isoform 2 acts as a negative growth regulator by cooperating with p53 in transcriptional activation of p53-responsive genes and may act as a tumor suppressor. {ECO:0000269 PubMed:10542254}.
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Molecular Weight:	32.1 kDa
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UniProt:	Q9QXV3
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Pathways:	Protein targeting to Nucleus, Autophagy
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Application Details

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.
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Restrictions:	For Research Use only
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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