

Datasheet for ABIN7558090
INCA1 Protein (AA 1-231) (His tag)



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Overview

Quantity:	1 mg
Target:	INCA1
Protein Characteristics:	AA 1-231
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This INCA1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Inca1 Protein expressed in mammalian cells.
Sequence:	<p>MQGQEDGDSI LPFAKCSRVV SRFSPCSLPP QNRRPMPQPY GDAFWENLSQ RSSSNWMVEQ YIPPILRATD CSRPSLHPLE GLPPPEKLWR RKRKKLHLER MQKGP GSIPA RVRVPTYHLE DLRRRQGIIN ELKRAQWGSS DATPELPALE EGFELLSTTK YFDVEEERAT YPQKETYSVT PRDQLLWTPW TPVGQQGTYA SGQLSSLTYS TATARKNPVY DPQAMELESE E 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>
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:	<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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	INCA1
Alternative Name:	Inca1 (INCA1 Products)
Background:	Protein INCA1 (Inhibitor of CDK interacting with cyclin A1),FUNCTION: Binds to CDK2-bound cyclins and inhibits the kinase activity of CDK2, binding to cyclins is critical for its function as CDK inhibitor. Inhibits cell growth and proliferation and may play a role in cell cycle control (PubMed:21540187). Required for ING5-mediated regulation of S-phase progression, enhancement of Fas-induced apoptosis and inhibition of cell growth (PubMed:21750715). {ECO:0000269 PubMed:21540187, ECO:0000269 PubMed:21750715}.
Molecular Weight:	26.5 kDa
UniProt:	Q6PKN7

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.
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