

Datasheet for ABIN7557033
INSC Protein (AA 1-579) (His tag)



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Overview

Quantity:	1 mg
Target:	INSC
Protein Characteristics:	AA 1-579
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This INSC protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Insc Protein expressed in mammalien cells.
Sequence:	MRRPPGDGDS TGE GPGNWGL WGAQESRRLC CVGPDRCGQA LLQIGINMMA LPGGRHLDSV PLQEQLRFHM QVDSVQRWME DLKLMTECEC MCVLQAKPIS LEEDTQGDLI LAGGPGPGDP LQLLLKRGWV ISTE LRRIGQ KLAQDRWARV HSMSVRLTCH ARSMVSEYST ISRTASQEMG QAEKLLMEKC SELSAVTERC LQVENEHVLC SMKACVSETL SLLGEHFGQL LELALTREVQ ALVRKIDTSD NIYITESTTG NLFGLTQEGA PLCRIIAKEG GVALFKVCR QDSFRCLYPQ ALRTLASICC VEEGVHLEK VDGILCLADI LTDESHSEAT RAEAAVVAQ VTSPHLSFTQ HLTSFLENME EIVTALIKLC QEASSGEVFL LASAALANIT FFDKMACEML LQLNAIRVLL EACGDKQRVD TPYTRDQIVT ILANMSVLEQ CGSDIIQENG VQLIMGMLSE KPRSGTPAEV AACERVQKA AVTLARLCRD PDVAQEAVRL SCMSRLIELC RSPSERNSSD AVLVACLAAL RRLAGVCPPEG LQDSDFQQLV QPRLVDSFLL CSNMEESFV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- 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, Western Blot

Grade:

custom-made

Target Details

Target:

INSC

Alternative Name:

Insc ([INSC Products](#))

Background:

Protein inscuteable homolog (Minsc),FUNCTION: May function as an adapter linking the Par3 complex to the GPSM1/GPSM2 complex. Involved in spindle orientation during mitosis (PubMed:16301171, PubMed:21816348). May regulate cell proliferation and differentiation in the developing nervous system (PubMed:16301171). May play a role in the asymmetric division of fibroblasts and participate in the process of stratification of the squamous epithelium (PubMed:16094321). {ECO:0000269|PubMed:16094321, ECO:0000269|PubMed:16301171, ECO:0000269|PubMed:21816348}.

Molecular Weight:

63.6 kDa

UniProt:

[Q3HNM7](#)

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.

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
