

Recombinant Full Length Human INSC Protein, GST-tagged

Cat. No. INSC-5981HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human INSC full-length ORF (AAI56333.1, 1 a.a. - 579 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	579 amino acids
Description	In Drosophila, neuroblasts divide asymmetrically into another neuroblast at the apical side and a smaller ganglion mother cell on the basal side. Cell polarization is precisely regulated by 2 apically localized multiprotein signaling complexes that are tethered by Inscuteable, which regulates their apical localization (Izaki et al., 2006 [PubMed 16458856]).[supplied by OMIM
Molecular Mass	63.7 kDa
AA Sequence	MRRPPGNGEAASEGPGGWGLWGVQESRRLCCAGHDRCKQALLQIGINMMALPGG RHLDSTVTLPGQRLHLMQVDSVQRWMEDLKLMTCECECMCVLQAKPISLEEDAQGDLI LAGGPGPGDPLQLLLKRGWVISTELRRIGQKLAQDRWARVHSMVRLTCHARSMV SEYSAVSRNSLKEMGEIEKLLMEKCELSAVTERCLQVENEHVLKSMKACVSETLS MLGQHFGQLLELALTREVQALVRKIDASDNIYTTSTTGNLFSLTQEGAPLCRIIAKEG GVVALFKVCRQDSFRCLYPQALRTLASICCVEEGVHQLEKVDGVLCLADILTDNSHS EATRAEAAAVVAQVTSPHLPVTQHLSSFLESMEEIVTALVKLCQEASSGEVFLLASAA LANITFFDTMACEMLLQLNAIRVLLEACSDKQRVDTPYTRDQIVTILANMSVLEQCAS

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DIIQENGVQLIMGMLSEKPRSGTPAEVAACERVQQKAAVTLARLSRDPDVAREAVRL
SCMSRLIELCRSPSERNSSDAVLVACLAALRRLAGVCPEGLQDSDFQQLVQPRLVD
SFLLCNMEESFV

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

INSC inscuteable homolog (Drosophila) [Homo sapiens]

Official Symbol

INSC

Synonyms

INSC; inscuteable homolog (Drosophila); protein inscuteable homolog;

Gene ID

387755

mRNA Refseq

NM_001031853

Protein Refseq

NP_001027024

MIM

610668

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UniProt ID

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