

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
Protein Length	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 RHLDVSTLPGQRLHLMQVDSVQRWMEDLKLMTCECECMCVLQAKPISLEEDAQGDLI LAGGPGPGDPLQLLLKRGWVISTELRRIGQKLAQDRWARVHSMVRLTCHARSMV SEYSAVSRNSLKEMGEIEKLLMEKCELSAVTERCLQVENEHVLKSMKACVSETLS MLGQHFGQLLELALTREVQALVRKIDASDNIYTTTESTTGNLFSLTQEGAPLCRIIAKEG GVVALFKVCRQDSFRCLYPQALRTLASICCVEEGVHQLKVDGVLCLADILTDNSHS EATRAEAAA VVAQVTSPHLPVTQHLSSFLESMEIIVTALVKLCQEASSGEVFLASAA LANITFFDTMACEMLLQLNAIRVLLLEACSDKQRVDTPYTRDQIVTILANMSVLEQCAS

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DIIQENGVQLIMGMLSEKPRSGTPAEVAACERVQQKAAVTLARLSRDPDVAREAVRL
 SCMSRLIELCRSPSERNSSDAVLVACLAALRRLAGVCPEGLQDSDFFQQLVQPRLVD
 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 <i>inscuteable homolog (Drosophila)</i> [<i>Homo sapiens</i>]
Official Symbol	INSC
Synonyms	INSC; <i>inscuteable homolog (Drosophila)</i> ; protein <i>inscuteable homolog</i> ;
Gene ID	387755
mRNA Refseq	NM_001031853
Protein Refseq	NP_001027024
MIM	610668

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UniProt ID

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