

## Product datasheet for **SC336596**

### INSC (NM\_001278315) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	INSC (NM_001278315) Human Untagged Clone
Tag:	Tag Free
Symbol:	INSC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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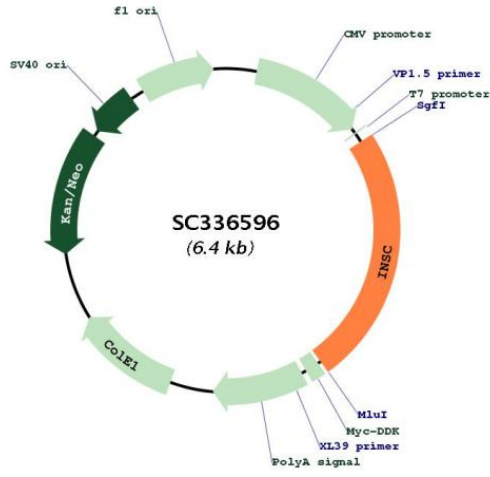
**Fully Sequenced ORF:** >SC336596 representing NM\_001278315.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGGCACTGCCTGGAGGTCGCCACCTGGACTCCGTCACCCTGCCGGTCCAGCGGCTACACCTGATG
CAGGTGGACTCAGTCCAGCGCTGGATGGAAGATCTGAAGCTCATGACCGAGTGCAGTGCATGTGTGTC
CTGCAGGCCAAGCCCATCAGCCTGGAAGAGGATGCACAGGGTACCTCATCCTGGCAGGTGGCCCTGGC
CCTGGAGACCCCTGCAGCTGCTGCTCAAACGGGGTTGGTTCATTAGCACAGAGCTGCGCAGGATCGGG
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GCCGTGCTTGTGGCCTGCCTGGCTATGGGGATACAGCTGCAGGTAAAAAAGACAAACATCTCTGCCCTC
CTGCTGTGTTTTTTATTTTGGCACATTCAAGGCTGCTCTGCGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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**Restriction Sites:** SgfI-MluI

**Plasmid Map:**



**ACCN:** NM\_001278315

<b>Insert Size:</b>	1563 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001278315.1</a></u>
<b>RefSeq Size:</b>	2935 bp
<b>RefSeq ORF:</b>	1563 bp
<b>Locus ID:</b>	387755
<b>UniProt ID:</b>	<u><a href="#">Q1MX18</a></u>
<b>Cytogenetics:</b>	11p15.2
<b>MW:</b>	57.2 kDa
<b>Gene Summary:</b>	<p>In <i>Drosophila</i>, 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, Mar 2008]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR and has multiple coding region differences, compared to variant 1. The resulting isoform (d) is shorter at the N-terminus and has a distinct C-terminus, compared to isoform a.</p>