

Product datasheet for **MC217648**

Insc (NM_173767) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Insc (NM_173767) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Insc
Synonyms:	3830422K02Rik; C730020D23
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217648 representing NM_173767
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGGCACTGCCTGGAGGCCACCTGGATTCCGTTCTCTGCAAGAGCAGAGGCTACACTTTCATGC
AGGTAGACTCGGTTACAGCGCTGGATGGAGGATCTGAAGCTCATGACCGAGTGTGAGTGCATGTGCGTCTT
GCAGGCAAAGCCCATCAGCCTGGAGGAAGACACGCAAGGTGACCTTATCCTAGCAGGTGGTCTGCTGCCA
GGAGATCCTCTACAGCTGCTCTTAAACGGGGTGGGTATCAGCACCGAGCTTCAAGGATCGGGCAGA
AGCTGGCCAGGACCGCTGGGCCGTGTGCACAGCATGAGTGTGCGTCTGACGTGCCATGCACGCTCCAT
GGTCAGCGAGTACAGCACCATCAGCAGGACAGCCTCACAGGAAATGGGCCAGGCGGAGAAGCTGCTCATG
GAGAAATGCTCTGAGCTCTGCGGTACAGGAGAGGTGCCTCCAGGTGGAAAATGAGCATGTTCTGAAGT
CAATGAAGGCCTCGTGAGTGTGAGCCCTGAGCCTGCTGGCGGAGCACTTGGTCACTACTGGAGCTGCC
CCTCACACGGGAAGTGCAGGCACCTGTGAGAAAAATCGATACCTCAGACAATATCTACATCACGGAGTCT
ACCACAGGGAATCTGTTGCGCCTGACCCAGGAGGGGGCTCCTCTGTGCCGCATCATAGCCAAGGAAGGTG
GGTTGTAGCCCTCTTAAGGTCTGCCGACAGGACAGCTTCCGGTGTGTACCCCAAGGCACTCCGCAC
ACTGGCCTCTATCTGCTGTGTAGAAGAGGGTGTCCATCAGCTGGAGAAGGTGGACGGTATCCTGTGCTTG
GCTGACATCTTGACTGATGAGAGCCACTCGGAGGCCACTAGAGCTGAGGCTGCAGCCGTGGTAGCCCAAG
TTACCTCCCCACATCTGTCCTTACCCAGCACCTCACTAGCTTCTGGAGAACATGGAGGAGATTGTGAC
AGCCCTTATCAAAGTGTGCAAGAGGCCCTCGTCAGGGGAAGTCTTCTGCTGGCCTCTGCGGCCCTCGCC
AATATCACCTTCTCGACAAAATGGCCTGTGAGATGCTTCTACAGTTGAATGCAATCCGTGTCCTCCTGG
AAGCCTGTGGTGACAAGCAGAGAGTGGACACCCCTTATACTCGGGACCAGATTGTACCATCTTGGCAAA
CATGTCTGTGCTGGAGCAGTGTGGCTCTGACATCATTACAGGAGAACGGTGTCCAGCTCATCATGGGCATG
CTGTCTGAGAAGCCAAGTCTGGGACACCTGCTGAAGTGGCAGCCTGTGAAAGAGTACAGCAGAAAAGCTG
CAGTGACCCTGGCCCGCCTCTGCCGAGACCCAGATGTGGCCAGGAGGCCGTTCCGCTCAGCTGTATGTC
TCGCTGATTGAGCTCTGCCGTCCCCCTCTGAGAGGAACAGTAGTGATGCTGTCTGCTGGTGGCCTGCCTG
GCTGCCCTGCGTGGTGGCCGGGTCTGCCGGAAGGCCTTCAAGGACTCTGACTCCAGCAGCTGGTCC
AGCCTCGGCTGGTGGATTCTTCTACTGTGTAGCAATATGGAGGAGAGTTTTGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_173767

Insert Size: 1599 bp

OTI Disclaimer: 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).

Components: 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).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_173767.3 , NP_776128.2
RefSeq Size:	2339 bp
RefSeq ORF:	1599 bp
Locus ID:	233752
UniProt ID:	Q3HNM7
Cytogenetics:	7 F1
Gene Summary:	May function as an adapter linking the Par3 complex to the GPM1/GPM2 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).[UniProtKB/Swiss-Prot Function]