

Product datasheet for **RN208000**

Insc (NM_001106285) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Insc (NM_001106285) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Insc
Synonyms:	RGD1311379
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208000 representing NM_001106285
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGCGGCCCCAGGGGATGGAGACTCCACCGAGAAGGCCAGGAACTGGGGCTTATGGGAGCCC
 AGGAGTCCAGGAGGCTGTGCTGTGTTGGGCCAGACCGCTGTGGCAGGCACTACTGCAGATTGGAATGAA
 CATGATGGCACTACCTGGAGGCCGACCTGGTTCCATTCTCTGCAAGAGCAGAGGCTACACTTCATG
 CAGGTGGACTCGTTTCAGCGCTGGATGGAGGATCTGAAGCTCATGACCGAGTGTGAGTGCATGTGCGTCT
 TGCAGGCAAAGCCATCAGCCTGGAGGAAGACACGCAGAGTGACCTTATCCTAGCAGGTGGTCTGGACC
 AGGAGATCCTCTGCAGCTGCTCCTGAAGCGGGCTGGTTCATCAGCACAGAGCTTCAAGGATCGGGCAG
 AAGCTGGCCCAGGACCGCTGGGCACGCTGCACAGCATGAGTGTGCGTCTGACGTGCCATGCACGTTCCA
 TGGTACGCGAGTACAGCACCATCAGCAGGACAACCTCGCAGGAAATGGGCCAGGCAGAGAAGCTGCTCAT
 GGAGAAATGCTCCGAGCTCTCTGCGGTCACTGAGAGGTGCCTCCAAGTGGAAAATGAGCATGTTCTGAAG
 TCAATGAAGGCCCTGCGTGTGAGTACCCCTGAGCATGTTGGGCCAGCACTTGGCCAGCTACTGGAAGTGG
 CCCTCACACGGGAAGTGCAGGCCTTGTGAGAAAAATCGATACCTCAGACAATATCTACATCACGGAATC
 TACCACAGGGAACCTTTCAGCCTGACCCAGGAGGGGGCTCCTTTGTGCCGCATCATAGCCAAGGAAGGT
 GGGGTTGTAGCCCTTCAAGGTCTGCCCGCAGGACACCTTCCGGTGTGTTGTACCCCAAGGCGCTCCGCA
 CACTGGCCTCTATCTGCTGTGTGAAGAGGGTGTCCATCAGCTGGAAAAGGTGGATGGTATCCTGTGCTT
 GACGGACATCTTGACTGATGATGCCACTCAGAGGCCACTCGAGCTGAGGCTGCAGCCGTTAGCCAG
 GTTACCTCTCCACATCTGTCTTTCACCCAGCACCTCACTAGCTTCTGGAGAACATGGAGGAGATTGTGA
 CAGCCCTAATCAAACCTGTGCCAAGAGGCTCATCAGGGGAAGTCTTCTGCTGGCTTCTCGGCCCTTGC
 CAATATCACCTTCTCGAAAAAATGGCCTGTGAGATGCTTCTGCAAGTGAATGCAATCCGTGTCCTTCTG
 GAAGCCTGTGGTGACAAACAGAGAGTAGACACACCTTATACTCGGGACCAGATTGTGACCATCTTGGCAA
 ACATGTCTGTGCTGGAGCAGTGTGCTCTGACATCATTGAGGAGAATGGTGTCCAGCTCATCATGGGCAT
 GCTGTCCGAGAAGCCAAGGTCTGGGACGCTGCTGAAGTGGCAGCCTGTGAGAGAGTACAGCAGAAAAGCT
 GCAGTGACCCCTGGCCCGCTCTGCCGAGACCCAGATGTGGCCCGGAGGCTGTGCGGCTCAGCTGTATGT
 CTCGCTGATTGAGCTCTGCAGATCCCCCTCTGAGAGGAACAGCAGCGATGCCGCTCTGGTAGCCTGCCT
 GGCTGCCTTGCCTCGCTTGGCTGGGGTCTGCCCGAAGGCCTTCAGGACTCTGACTTCCAGCAGCTGGTC
 CAGCCTCGGCTGTGGATTCTTCTTGTGTGTAGCAATATGGAGGAGAGTTTTGTT**AG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001106285

Insert Size: 1740 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:

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_001106285.1, NP_001099755.1

RefSeq Size: 2341 bp

RefSeq ORF: 1740 bp

Locus ID: 293166

Cytogenetics: 1q35