

Product datasheet for **RN201261**

Ick (NM_138886) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ick (NM_138886) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ick
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201261 representing NM_138886
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATAGATACACAACGATCAAAACAGCTTGGGGATGGGACCTATGTTTCTGTCTGCTGGGGAGAAGCA
TTGAATCTGGGAGAACTAATTGCCATTAATAAAAGTAAAGGATTTTACTCCTGGGAAGAATGCATGAA
CCTTCGGGAGGTTAAGTCTTTAAAGAAGCTCAACCATGCCAATATAGTGAAGTTAAAGAGGTTATCAGG
GAGAACGACCATCTCTATTTTCATCTTCGAGTACATGAAGGAAAACCTTTACCAGCTCATTAAAGAAAGAA
ATAAGTTGTTCCAGAGTCTGCAATAAGGAATATAATGTATCAGATATTGCAAGGACTGGCGTTCATTC
CAAACATGGTTTCTTCCACCGGAGCTTAAAGCCTGAGAACCTCCCTCTGCATGGGACCAGAAGCTTGTGAAA
ATCGCGGAGCTTCGGATTGGCCCCGAGAAATCCGATCAAGACCTCCATACACAGACTATGTGTCTACTAGAT
GGTATAGGGCTCCAGAAGTACTCCTGAGATCTACCAACTACAGCTCCCCCATTGATGTCTGGGCCGTGGG
CTGCATCATGGCAGAGGTGTACACCCTCCGGCTCTTTTCCCTGGGGCCAGTGAAATTGACACGATTTTC
AAAATTTGCCAAGTGTGGGAACCCGAAGAAGACTGACTGGCCTGAAGGCTACCAGCTGTCAAGTGCTA
TGAATTTTCATCTGGCCCCAGTGATACCCAATAACTTAAAGACACTAATTCCAAATCTAGCAGCGAAGC
AATTCAGCTCCTGAGAGACTTGCTTTCAGTGGGATCCCAAGAAACGACCAACTGCTAGTCAGGCATCTCGA
TACCTTTACTTCCAGATTCGGACACCCCATGCGGATCAGCACAGGACTCGGGAAAGCCACAGAAAGATG
TCCAAGACAAGACAGGCCACCTCCTTACGTCAAGCCAGCCCCCTCTGCCAGGCCCAACCAAGGCGCA
TACACTGATTTCTTACGACCAAAACCAAGCCAGTCAACCCCATCAGCATTTTGTATATCCCTACAAGGC
GAAGCCTCTAGGACAGAGCAGCTGAGCCACGTGCAGGAGGGCCAGCCAAACCCACCATTCTTCCCGTCCC
TCCACAACAAGAATCTCCCGCCAAAAATCCTAGCTGGCCTGGAACAGAAAAGCGGTGACATGAAACCAA
GAGCAGGAGAAGATGGGGTCTCATTTCCAGGTCAACCAAGGGTTCTGATGATTGGGCCGACTTGGCTGAC
TTAGATTTTCAGTTCTCTCTCACCAGAATAGATGTCAAAAACAAGAAGAGACAGAGTGACGACCCCCCTCT
GCAGGTTTGAAGTGTTTTGGACCTGAAGCCATCTGAGCCGGTGGGTACAGGAAGTATGTGTCTCCACCCA
GGCTTCTCTCCAGAGGAGAGACACGCCGACCCTGCAGTCCACAGCAAAGCAGCACTACTTGAAGCACTCT
CGCTACCTGCCTGGAATAAATAAAGAAATGGCGTGCTCCCAATCCAGGCAAGGACTTTCTTCCATCAA
GTTTCATGGTCCAGTTCTGGTTTGTCTGAAAAATCTTCAGGAACGGTATCAGTAGTGAGCAAAATAACTTC
AGTTGGCTCAGGCTCCACGAGCTCTACTGGACTGACTGGAAGCTACATCCCTTCTTTCTGAAGAAGGAA
CTCGGCTCTGTCATGCAGAGGCTCAGGCTCGCGCCTCTCGCAGCCCCCTCCCCCGGCTACTCTTCCCTCA
AGGCCGTGAGACTGCACCCAGGAGGCCATTCTTACACCCAGCCTAGGAGACAGCCGTGGCTTGATTTC
ACGACCTCCAGCTGTGACAGCCTGTGCACGGCAGGATAGACTGGTCTTCCAAAGTACCCATCTCGGCGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM 138886

Insert Size: 1890 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:	<u>NM_138886.1, NP_620241.1</u>
RefSeq Size:	2350 bp
RefSeq ORF:	1890 bp
Locus ID:	84411
UniProt ID:	<u>Q62726</u>
Cytogenetics:	8q31
Gene Summary:	may be involved in promoting meiosis during spermatogenesis [RGD, Feb 2006]