

## Product datasheet for RN202674

### Ide (NM\_013159) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ide (NM_013159) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ide
Synonyms:	INSDEGM
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202674 representing NM_013159 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCGGAACGGGCTCGTGTGGCTGCTGCACCCCGCTGCCAGCACCTTGCCTCCATCCTCGGCGCTC  
GCCCGCTCCCGTGAAGCGACTGTGTGGATTCCAAAACAAATTTACAGCACAATGAATAATCCGGCCAT  
CCAGAGAATAGAAGACCATTGTCAAGTCTCCTGAAGACAACGGGAATATCGTGGACTAGAAGTGGCC  
AATGGTATCAAAGTGCTTCTCATAGTATCCACCACGACAAGTCATCAGCAGCACTCGACGTGCACA  
TAGGGTCACTGTGACACCTCCAATATTCCTGGCTTAAGCCATTTTTGTGAGCATATGCTGTTTTGGG  
AACAAAGAAATATCCTAAGGAAAATGAATACAGCCAGTTTCTCAGTGAACATGCTGGGAGTTCAAATGCA  
TTTACCAGCGGAGAACACCAATTATTATTCGATGTTTCCCATGAACACTTGAAGGAGCCCTGGACA  
GGTTTGCCAGTTTTTCTGTGCCCTTGTGATGCAAGTTGTAAGGACAGAGAGGTGAACGCTGTCGA  
TTCAGAGCATGAAAAGAATGTGATGAATGATGCCTGGAGACTCTCCAGCTGGAAAAGGCTACAGGGAAT  
CCCAAGCACCCCTTCAGCAAATTCGGGACAGGAAACAAATATACTCTAGAGACTCGACCAACCAAGAAG  
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TGTTTTAGGTCGAGAATCTTTAGATGACCTGACTAATCTGGTGGTGAAGTTATTTCTGAAGTAGAGAAT  
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AAGTCAAAGGGCTGGTAAACACCCTGTTGGGGACAGAAGGAAGGAGCCCGAGTTTTATGTTTTTTA  
TCATTAATGTGGACTTAAGTGAAGAAGGGTTATTACATGTTGAAGATATAATTTGCACATGTTTCAATA  
CATTGAGAAGCTACGTGCTGAAGGACCTCAAGAATGGGTTTTCCAAGAGTGAAGGACTTGAACGCTGTC  
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ATCCCCTAAATGGAGTGCACAGCTGAATATTTACTGGAAGAATTTAGACCCGACTTGATAGACATGGT  
TCTTGATAAACTCAGACCAGAAAATGTCCGGTGGCAATAGTTTCTAAATCATTTGAAGGAAAACCTGAC  
CGCACAGAGCAGTGGTATGGAACCCAGTACAAGCAAGAAGCTATCCAGAGGACGTCATTGAGAAATGGC



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AAAATGCTGACCTGAATGGGAAATTTAAACTTCCAACAAAGAATGAATTCATTCCTACAAATTTTGAGAT
TTTGGCATTAGAAAAAGATGCAACACCATACCCTGCTCTTATTAAGGATACAGCCATGAGTAAGCTGTGG
TTCAAACAAGATGATAAATTTTCTTGCCGAAAGCTTGTCTCAACTTTGAATTTTCAGCCCGTTTGCTT
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TGCATATGCAGCAGAGCTAGCAGGCCTGAGCTATGATCTCCAAAACACCATCTATGGGATGTATCTCTCA
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TTGATAAAAAAAGATTTGAAATTATCAAAGAGGGCTACATGCGATCTCTTAATAATTTCCGGGCTGAGCA
GCCTCACCAGCAGCCATGTACTACCTCCGTCTGCTGATGACTGAAGTGGCCTGGACCAAAGATGAGTTA
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CACCCCTATTGAGCATGCTCACACCAAACCTCTCCTTCCAAGTCAGTAGTCCGGTACAGAGAAGTTCAG
CTCCCCGACCGAGGATGGTTTGTACCAGCGGAGGAACGAAGTCCACAATAACTGTGGCATTGAGATTT
ACTACCAGACAGACATGCAGAGCACCTCGGAGAACATGTTCTGGAGCTCTTCTGCCAGATTATCTCTGA
GCCTTGCTTCAACACTCTGCGTACCAAGGAGCAGCTTGGCTATATTGTCTTCAGTGGACCTCGTCGGCC
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ATCATCTCCCAGCAGTACAATTATGACAGAGATAACATAGAGGTTGCATATTTAAAGACTCAGCAAGG
ATGATATCATCAAATTCTACAAGGAAATGTTGGCTGTGGACGCACCAAGGAGACATAAAGTATCCGTCCA
CGTTCTTGCCAGGGAAATGGATTCTTGTCTGTGGTGGAGAGTCCCTCTCAGAATGATATAAACCTT
TCCGAAAGCGCCACCCTTGCCACAACCTGAGGTGATTCAACATGACTGAATTCAGCGCGGCCTGCCGC
TGTTCCCCTTGTGAAGCCACACATTAACCTCATGGCGCAAAACTCGA

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**ACGCGT**ACGCGCGCCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_013159
- Insert Size:** 3060 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\\_013159.1](#), [NP\\_037291.1](#)
- RefSeq Size:** 4276 bp
- RefSeq ORF:** 3060 bp

Locus ID: 25700  
UniProt ID: [P35559](#)  
Cytogenetics: 1q53  
Gene Summary: enzyme involved in the degradation of bioactive peptides [RGD, Feb 2006]