

Product datasheet for **RN205736**

Ddost (NM_001012104) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ddost (NM_001012104) Rat Untagged Clone
Tag: Tag Free
Symbol: Ddost
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205736 representing NM_001012104
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGATGGTCCCGCCTCGCTGTCGCTGGCCTCTCTGCGGGCTGCTGCTGGCTGCGCTCGGCT
GTGTCTGCGCCAGCGTCCCGCACCCCTCGTGCTGGACAACCTGAACGTGCGGGACACGCACACTCACT
GTTCTTCCGAGCCTGAAGGACCGGGCTTTGAGCTCACCTTCAAGACTGCAGATGACCCAGTTTGCC
CTTATTAAGTACGGGAGTTCCTCTATGACAACCTTATCATCTTTTCCCGTCGGTGAAGATTTGGAG
GCAACATCAACGTGGAGACCATCAGTGCCTTCATCGACGCGGTGGCAGCGTTTTGGTGGCTGCCAGCTC
TGATATCGGTGACCCTCTTCGGGAGCTAGGCAGTGAGTGTGGGATTGAATTTGATGAGGAAAAACAGCT
GTCATCGACCACCACAACACTACGATGTCTCAGACCTTGGCCAGCACACACTCATCGTGGCCGACACTGAGA
ACTTGCTGAAGGCCCAACCAATTGTTGGCAAGTCATCTGAACCCATTCTCTCCGAGGAGTTGGAAT
GGTGGCTGACCCTGACAATCCCTTGGTTTTGGACATCTAACAGGCTCTCAACCTTTACTCCTTCTTC
CCAGATAAACCAATCACCCAGTACCCACGCAGTGGGGAGAAAATACTCTGCTGATTGCTGGGCTCCAAG
CCAGGAACAATGCCCGGTTCATCTCAGTGGCTCCCTGGACTTCTCAGCGATGCCTTCTCAACTCAGC
AGTGCAGAAGGCCGCCCGGTGCACAGAGGATTTCTCAGACAGGCAACTATGAGCTAGCTGTGGCCCTG
TCCCGCTGGGTGTTCAAGGAGGAGGGTGTCTTCGAGTGGGGCCTGTGTCCCATCACCGGTGGCGGAGA
CGGCCCAACCAATGCCTACACTGTCACTGACTTGGTGGAGTATAGCATCGTGATCGAGCAACTCTCCAA
TGGTAAGTGGGTCCCCTTTGACGGAGATGACATTCAGCTGGAGTTGTACGCATTGACCCCTTCTGAGG
ACCTTCTGAAGAGGAAGGGTGGCAAGTACAGTGTCCAGTTCAAGCTGCCGACGTGTATGGCGTGTTC
AGTTTAAAGTGGATTACAACCGCTAGGCTACACCCACCTGTACTCTCCACCCAGGTGTCGGTGAAGCC
ACTCCAGCACACGAGTATGAGCGCTTATTCCCTCGGCTATCCCTACTACGCCAGCGCCTTCTCCATG
ATGGCTGGGCTTCTCTTTAGCGTCGCTTCTTGCACATGAAGGAGAAGGAGAAGTCTGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001012104
Insert Size:	1326 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:	<u>NM_001012104.1</u> , <u>NP_001012104.1</u>
RefSeq Size:	1590 bp
RefSeq ORF:	1326 bp
Locus ID:	313648
UniProt ID:	<u>Q641Y0</u>
Cytogenetics:	5q36
Gene Summary:	human homolog catalyzes the transfer of a high-mannose oligosaccharide (GlcNac2Man9Glc3) onto the asparagine acceptor site within an Asn-X-Ser/Thr consensus motif [RGD, Feb 2006]