

Product datasheet for **RR205736**

Ddost (NM_001012104) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ddost (NM_001012104) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ddost
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR205736 representing NM_001012104
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGAAGATGGTCCCGCCTCGCTGCTCGTGCCTGGCCTCTCTGCGGGCTGCTGCTGGCTGCGCTCGGCT
 GTGTCTGCGCCAGCGTCCCGCACCCCTCGTGCTGCTGGACAACCTGAACGTGCGGGACACGCACCTCACT
 GTTCTTCCGACGCTGAAGGACCGGGCTTTGAGCTCACCTTCAAGACTGCAGATGACCCAGTTTGCC
 CTTATTAAGTACGGGAGTTCCTCTATGACAACCTTATCATCTTTTCCCGTCCGGTGAAGATTTGGAG
 GCAACATCAACGTGGAGACCATCAGTGCCTTCATCGACGCGGTTGGCAGCGTTTTGGTGGCTGCCAGCTC
 TGATATCGGTGACCCTCTTCGGGAGCTAGGCAGTGAGTGTGGGATTGAATTTGATGAGGAAAAACAGCT
 GTCATCGACCACCACAACCTACGATGTCTCAGACCTTGGCCAGCACACACTCATCGTGGCCGACACTGAGA
 ACTTGCTGAAGGCCCAACCAATTGTTGGCAAGTCATCTCTGAACCCATTCTCTCCGAGGAGTTGGAAT
 GGTGGCTGACCCTGACAATCCCTTGGTTTTGGACATCTAACAGGCTCTCAACCTTACTCCTTCTTC
 CCAGATAAACCAATCACCCAGTACCCACGCAGTGGGGAGAAATACTCTGCTGATTGCTGGGCTCCAAG
 CCAGGAACAATGCCCGGTTCATCTCAGTGGCTCCCTGGACTTCTCAGCGATGCCTTCTCAACTCAGC
 AGTGCAGAAGGCCGCCCGGTGCACAGAGGATTTCTCAGACAGGCAACTATGAGCTAGCTGTGGCCCTG
 TCCCGCTGGGTGTTCAAGGAGGAGGGTGTCTTCGAGTGGGGCCTGTGTCCCATCACCGGTGGGCGAGA
 CGGCCCAACCAATGCCTACACTGTCACTGACTTGGTGGAGTATAGCATCGTGATCGAGCAACTCTCCAA
 TGGTAAGTGGGTCCCCTTTGACGGAGATGACATTCAGCTGGAGTTGTACGCATTGACCCCTTCGTGAGG
 ACCTTCTGAAGAGGAAGGGTGGCAAGTACAGTGTCCAGTTCAAGCTGCCGACGTGTATGGCGTGTTC
 AGTTTAAAGTGGATTACAACCGCTAGGCTACACCCACCTGTACTCCTCCACCCAGGTGTCGGTGAGGCC
 ACTCCAGCACACGAGTATGAGCGCTTCATTCCCTCGGCTATCCCTACTACGCCAGCGCCTTCTCCATG
 ATGGCTGGGCTTCTCTTTAGCGTCGCTTCTTGCACATGAAGGAGAAGGAGAAGTCTGAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR205736 representing NM_001012104
Red=Cloning site Green=Tags(s)

MKMVPRLAVRAWPLCGLLLAALGCVCASGPRTLVLDDNLNVRDTHSLFFRSLKDRGFELTFKTADDP SLS
 LIKYGEFLYDNLIIFFSPSVEDFGGNINVTISAFIDGGGSVLVAASDIDGDLRELGSECGIEFDEEKTA
 VIDHHNYDVSDLGQHTLIVADTENLLKAPTIVGKSSLNPILFRVGMVADPDNPLVLDILTGSSTYSFF
 PDKPITQYPHAVGRNTLLIAGLQARNNARVIFSGSLDFFSDAFFNSAVQKAAPGAQRYQSQTGNIELAVAL
 SRWVFKEEGVLRVGPVSHHRVGETAPPNAYTVTDLVEYSIVIEQLSNGKWWPFDGDDIQLEFVRIDPFVR
 TFLKRKGGKYSVQFKLPDVGVFQFKVDYNRLGYTHLYSSTQVSVRPLQHTQYERFIPSAYPPYASAFSM
 MAGLFLFSVVFVFLHMKKEKESD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

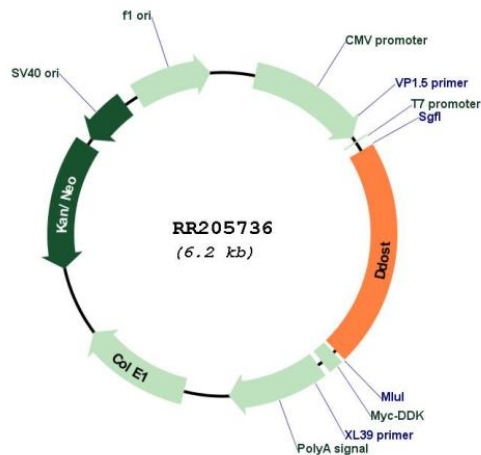
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001012104
ORF Size:	1323 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001012104.1 , NP_001012104.1
RefSeq Size:	1590 bp
RefSeq ORF:	1326 bp
Locus ID:	313648
UniProt ID:	Q641Y0
Cytogenetics:	5q36
MW:	48.9 kDa
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]