

Product datasheet for **RN205753**

Ddias (NM_001126294) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddias (NM_001126294) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddias
Synonyms:	noxin; RGD1559690
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN205753 representing NM_001126294

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATAGAAGACGGAATTCCTTTTGCCTCAGTACTTGCTCTCCAGAATTCGAGTTTTATATATCCAT
 CATGTCAAAGGTGCTTCTCCAGGATATTCTTGAGTCCAAAAGGTTTACTTGCCCAAGTGTGGCTGTAC
 CGGTGATGCTGAGAGTGCCAACACAGATATAGACTGTCCTTGAAAGTGCGAGAGTCCAACACGTTATTT
 GTCATTACTGTGTTGGGAGCTGCTTAGATACTTATTTTGGACTCACTGCTACTGGTTTACACAGGTACC
 TTAAGGATTCTAGTAAAATCCCAGAAACCTGGACAGTGGTAGAACTCAGAGCCTGTTGACCACAGCAGT
 AGAAAAGTGTGTTGGACAAAGCTTTGTGTTGGAGTAACGAACTTTGGAGATGTATGTGGACACCAT
 TCCAATTGCAGTAACCTCCAGCAGCCTTGCTGTAAGCACAGAGGAGAAGTCAGGACACTCGTAGCCTCCC
 AGATCGTCTGCCTGACCCGCTGTTACAGGCTTCACTGTCATTGACTATTTACATCCGCTTTTACACAG
 GAAACATCACTGTGACTCTCAGGACCATAGCAGCCAGTCACTCACTTCAGATCACTCAGACAGCGAGTTC
 AACAGCATACAGGCTCTGGGAATACATCCTGGGTTTGGAGTCTAGCAGAGAGGACTTTTTTCAGATTCT
 GGCAGCCATCTCTTGAGCTGACGCTCTACTGATTACACATAACATCTAATGATGACTTCCCACCTTCAGA
 ACAGCTCGTGGCAGTGGTACTCCTACCCAAAACGGACACTGCGTCTCCTCTCTGAGGTCACTAGTTCT
 ACAAAGTCCACGATTCCCTCCAGAGTTTATGGAGCTTTGTTCTTGATGGACAAGAATAATACAACAG
 GAAAGTTGGGTGAAGAATTAGGTTTACTGAGTCCAATTTGCAGCAGTTGTGATGAAAGTAGACTGACTGA
 CTCTAATTTTTCCCTTCACAAATGCAAAAACCTTTAAGGAACATAATTTAGAATGCTATAGTAAAGCA
 GAAAAAATGATTACTCCAGTATGATATCCATGTTACCAGCATCGTGAAGTAAATACCACCATTCTTC
 AACAGGGATCTTCTGCATTTTCATTGTCATCACTGAAACCCGAAGAAACAGCGAGTGTCTCCAGAAGTC
 TGACTCCTTGATTGGGATGATATACCATTCTCTGAAAGCCTGAACAAGTTTCTAGCAGTTGTTGAAAGT
 GAGATTGCTGTAGCTGAGATAGATACTCAGAATAGAAAGCAGGGTACAGATAACAGCACTGATAAATGCC
 ACAAAAACACAGCAGATTATCATTGACTCCTCTGAGAGATACTAGAGCCTTAAATACGCCGCTTTTCGG
 CTTAAGGTCATCACAAGCAATGAGAGAAAACCAAGGAGAGAGGCTTCTTTTATAACAGTAAGTCTAGT
 TCAAGTTCTCAAATCAAAGAGAATCACATCCAGACAAGGCAGCAGCGGCTGTCTCTATAGGCAGTAATA
 GGAGCGATATCTCAAGGATTTTCTACCAGATACTTGTTTCATCAGCTCTGTTTACATCTTCAGATGACAT
 GGAAGCCTCCATTAGCCAAAAGAGGACTAGTGGGGTCTGCAACAAAGGAATGAAATTTCTGTCAGGCTC
 AGAACCTCAATAAGTACTGTTCTGATCTCAGTAACAGCTGTTTTACTGGATGTGAAGAAAAATCGCATT
 CAGGAACAAAAGAAAAATTGGCAATACAAAACCTGTTCTAAAAAATACAATGATGTTTCTGATCTTCACAA
 ATTAGAAAATAAGCGGAGTTATAGATGGCCGAAAAGCAAGATGACAATTTACAAATTAGCCGAAAACCTC
 ACATATCCTTTAGAGACCTTTTCGCGGAGCCCAAAAAGCATATCAAAAAGAAAAGCCTTATAGGCCTAGCA
 ATAATAACTTAACACAAAGTTCTTCTGCTGATCATGAAGGCAGCTACAATGCTTCTGCTGATCTTTTTGA
 TGATTTTGCTAAAGATAAGGACACTGAAACAGAAATTACCAAACCTACCGCAAGATATTTTGTACCACTG
 GAAGCATCTTGACACAGAAATATCCTATAAATGAGAACTGCAACCATCCTTCACAAAACCTCCTTGC
 AAAGCATATCACCTCAGAGTATCAAAGACCAAGCTCTCAGTCAGACTCAGAATGTGATTTTGAAGAAAG
 CCAAGAAGACTTTGTTCCATGTTACAGTCAACTCCAGTTGCAGGCTTCCACCAAGAATTGATGGCTTA
 AATGGTGCTTCCAAAATCTGCCTTCTTCTATTACATCTTAATGCTAATTATAAAAAACACAAACATTT
 CTCCTCTAACTGGCAATGTCAAGCCACCCCAACCTGCCCAAAGAATGTAAAAACATCTACGCAGAAAGCT
 CAACCACTGCCCTGCTGCTGAGTGCCTTGAAAATGATATGGATGAATGGGTCCCCCTACTACTAAAAAA
 GTATTTATTTTCAAGTGTGTTGGATTGAGAGTCACGTGTTTAAGAAAATGCCTTGCTGTCCATTATTTCC
 CTGACCAAAAAGAGTTACCAAGGAAGAACTGATAAAAGTCACACATAAAACCAACAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001126294

Insert Size:

2652 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_001126294.1, NP_001119766.1</u>
RefSeq Size:	3368 bp
RefSeq ORF:	2652 bp
Locus ID:	499204
Cytogenetics:	1q32