

Product datasheet for **RN202130**

Dstyk (NM_199463) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dstyk (NM_199463) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dstyk
Synonyms:	DustyPK; Ripk5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202130 representing NM_199463
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGCCGACGGGAGTCGTGGTCCGGCGAGTCCGTGTCGGGCCCGGGCCCGGGGGCGCGGAATGA
 TCCGCGAGCTGTCCGGGGCTTCGGCCGCTACCCCGCTACCTGGGACGGCTGCGGCAGAACCTGCGTGA
 GACCCAGAAGTTCTTCCGCGACATCAAGTCTCCACAGTCACAGTTGTCCTCTCCCGCGGGCGGC
 GGCGCGCGGAGCTTGGCCCTGCCGGCGAGCTCGCCGAGCCCCGCTGCCAGCGGGCCAGCTGAGCTGCA
 TTTCTTTCCACCTATGGAAGAGAAGTATCTGCAGCAGATCGTGGATCACCTCCCCTGTATACTGATCCT
 CGGCCAGGACTGTAATGCCAAGTCCAGCTGTTGAACCTGCTGTTGGCGGTGCGGGTCTTCCACCCTC
 AAGCTGGACAGTGACGAGAGCTGAAGCTTCGGCGCTCCGCTTACCTACGGGACTCGGACTCAGGTCA
 GCCTGGCGCTGCCGGTCAAGTATGAGCTGGTGCACACTGGCTTCCACCAGGACAACCTGGGAGACCAT
 CCCTGAGGAGGACTGGAGGTTCAAGAAGACAGTGAGGACTGCCCCTGTGTTAGCTGACCTTGAGGTG
 ACAATGCACCATGCTCTCTACAGGAAGTGGACATTGTGGTGGCACCATGCCACAGCCACCGGCCTGCAG
 TAGATGTTCTGAGTGACTTGGCAATGATTTCTTGCCTGTGATAACCTACGCACTTCACAAAGATGAACT
 CTCTGAACGGGATGAGCAAGAGCTTCAGGAAATTAGAAATATTTCTCGTTTCTGTGTTCTTCTCAA
 GTACCTACACTGGAGATCATCCGCTCTTCCAGTGGGCGAGCAGACAGTGAACGATCACCCTGTCTGGGC
 AGCTAATGGACCTGGGCTACCTGAGCAGCAGTACAGGAACTGCATGGCCTTGACCAGGACTGCAGAGC
 TCAGAGCATGTTGGTGGAGCAAAGTGAAGAACTGAGGCAGCTGAGTACGTTTTCTACCAGCTGTACAG
 ACCCGCTCGTGGATGCAGCCAAGGCCCTGAATGCGGTGCACAGCCACTGCCTTGACATTTTATAAACC
 AGGCTTTTGACATGCAGCGGGACCTGCAGATCACTCCAAACGCCTAGAATATACTAGAAAAAGGAGAA
 TGAGTTGTATGAGTCATTGATGAATATCGCCAACCGAAAAGCAAGAGGAAATGAAGGATATGATCGTTGAG
 ACATTTAACACCATGAAAGAGGAGCTTCTGGATGATGCTGCCAACATGGAGTTCAAAGATGTCATTGTCC
 CTGAGAATGGAGAGACAGTTGGGACCAGAGAGATCAAATCCTGCATCCGACAGATCCAGGAGCTCATCAT
 CTCCAGACTTAACCAGGCAGTGGCCAACAAGCTCATCAGCTCTGTGGATTACCTACGGGAAAGCTTCGTG
 GGGACCTGGAGCGGTGTCTACAGAGCCTTGAAGTACAGGATGTCTCAGTGCACATTACCAGCAATT
 ATCTCAAACAGATCTTAAATGCCGCTTACCATGTTGAAGTCACTTTTCACTCGGGGTCTCAGTTACAGC
 GATGCTTTGGGAACAAATCAAGCAGATCATCCAGCGTATCACATGGTGAATCCACCACCATCACCTA
 GAGTGAAGAGGAAGGTGGCCAGGAAGCCATCGACAGCCTCAGTGCCTCAAACCTGGCCAGAGCATT
 GCAGCCAGTTCGGTACTCGGCTCAATAGTTGCGACGAGGCTTTTGGCGCCTCCTTGAGGCAGCTGGAAGC
 TGGCCATTCAGGCCGTCTGGAGAAAACCTGAAGATCTGTGGCTTAAGGTTGAAAAGACCACGCCCCCGT
 CTGGCCCGCTTTCACTAGAGAGCCGGTCTTACAGGACGCTTGTCTTACCCTAAACCTAAATTAGGAC
 AGGAACTAGGCCGGGCAATAAGTGTGGTGTACCTGTGTGACAACCTGGGGGGGACACTTCCCTTGTGC
 CCTCAAGTCAGTTGTTCCCTCCAGACGAGAAGCACTGGAACGACCTGGCGTTGGAGTTTCACTACATGAGG
 TCTTTGCCAAAGCATGAGCGGCTGGTAGATCTCCATGGCTCAGTATTGACTACAACCTACGGTGGCGGCT
 CCAGCGTTGCTGTGTTGCTGATTATGGAGCGGCTGCACCGGACCTCTACACAGGGCTGAAGGCTGGGCT
 TTCCCTGGAGACACGTTTGCAAATAGCTCTGGACGTGGTGGAGGAAATCCGCTTTTCTGCACAGCCAGGGG
 CTGTTTCACTCGGGATATCAAACCTGAAAAATGTGCTGCTGGACAAAACAAACCGTGCCAAGATCACTGACT
 TAGGATTTGCAAACCAGAAGCTATGATGTCAGGCAGCATTGTGGGAACCCGATTATGATGCCCCCTGA
 ACTTTTACAGGAAAGTATGATAATTCTGTGGACGTCTATGCTTTTGGGATCCTTTTCTGGTATATCTGC
 TCCGGCTCTATCAAGCTCCCTGAGGCAATTTGAGAGGTGTGCGAGCAAAGACCATCTCTGGAATAATGTGC
 GCAGAGGGACCCGTCGGAGCGTCTTCTGTGTTGATGAGGAGTGTGGCAGTTGATGGAGGCCTGTTG
 GGATGGTGACCCCTCAAGAGGCCTCTTGGGCATTGTCCAACCTATACTCCGAAGCATTATGGACCGG
 CTCTGCAAGTGCATTCTGAGCGCCTAGCAGAGGACTAGATGACTCTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_199463
Insert Size:	2784 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:	NM_199463.2 , NP_955750.1
RefSeq Size:	6138 bp
RefSeq ORF:	2784 bp
Locus ID:	304791
UniProt ID:	Q6XUX2
Cytogenetics:	13q13
Gene Summary:	human homolog is a RIP-related serine/threonine protein kinase which can induce apoptosis through both caspase-dependent and -independent pathways [RGD, Feb 2006]