

Product datasheet for **SC203465**

DYRK3 (NM_001004023) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DYRK3 (NM_001004023) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DYRK3
Synonyms:	DYRK5; hYAK3-2; RED; REDK
ACCN:	NM_001004023
Insert Size:	2000 bp



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Insert Sequence: >SC203465 3'UTR clone of NM_001004023
 The sequence shown below is from the reference sequence of NM_001004023. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGCAGTGTATTGCCAAAAGTATTAGCTAGTGGACAGAGATATGCCCAGAGATGCATATGTGTATATTT
TTATGATCTTACAAACCTGCAAATGGAAAAATGCAAGCCATTGGTGGATGTTTTTGTAGAGTAGAC
TTTTTTAAACAAGACAAAACATTTTTATATGATTATAAAAGAATTCTTCAAGGGCTAATTACCTAACCC
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GTCAGATGATTTCAACTGATGTATTATACTATTGGTTTAAATCTCTTCTCAAGATAGAAGGTGTA
GCAAAAGTATCCCACTACTCCTCGTCTAGTGTCCCTCGGCATCTGTTCTGGAGGGTAATTTGGGA
TGTGGTGTAGTTGTGGCTGAGAGCCAGTCTAGGTCCCTGCCCACTAGGCCATTCTCTAGGCTCAT
TCTAGGTGAAAGAGCTCACAGCAGACTGTGGGGTGGGGGAGCACCAGGAAGCTGTTGGTGACCTGGACA
ACTGGTGTCCCTGGTTTTCAGTGACTCGTCTCTCCCTTCAGTTCTCTGATGTTTGGTGTATTATT
TTATGTTGTTATTTTGCCTCTGATTTGTTTCTAGTCACTCAAAGCATTTTACAGAAGCCTTACCACTT
TACTAAATAACCCGTAAAGTACTGATTTAAAACTGAGTCATATGCATCCCTCCTCTTCTCTCCC
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CTAGACTGAGTGAAGTTCAGTTAGAAGAAGAAAATAAAAATCCAGAACTGGTGATAATCAAGTTTT
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CTACTTGGGAGGCTGAGGTGGGAGGATCACTTGGCTGAGATCATGCCACTGCCTCCAGCCTAGGCAA
CAGAGTGAGACTGTCTAAAAAACAAACAAAAAAGTGTGTTCTTTAAAGTAGAATATTTGCTTTTT
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TGCAAACTCTCTCATTTAAATGTCCACAGTGGCTTTAGTCTCCAAGTACAAGGGCCAGATGGCAGAG
AACAGCTTAACTGAGCCTTCAGCCTCATAATAGGAGGAAGTCTTGGTACTTTTGGTGACTAAGAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001004023.3](#)

Summary:

This gene product belongs to the DYRK family of dual-specificity protein kinases that catalyze autophosphorylation on serine/threonine and tyrosine residues. The members of this family share structural similarity, however, differ in their substrate specificity, suggesting their involvement in different cellular functions. The encoded protein has been shown to autophosphorylate on tyrosine residue and catalyze phosphorylation of histones H3 and H2B in vitro. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Locus ID:

8444

MW:

75.6