OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC334674

DYRK4 (NM_001282285) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DYRK4 (NM_001282285) Human Untagged Clone
Tag:	Tag Free
Symbol:	DYRK4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001282285, the custom clone sequence may differ by one or more nucleotides

ATGTGGAGCCTGGGCTGCATCACGGCGGAGTTGTACACGGGCTACCCCCTGTTCCCCGGGGAGAATGAGG
TGGAGCAGCTGGCCTGCATCATGGAGGTGCTGGGTCTGCCGCCAGCCGGCTTCATTCAGACAGCCTCCAG
GAGACAGACATTCTTTGATTCCAAAGGTTTTCCTAAAAATATAACCAACAACAGGGGGAAAAAAAGATAC
CCAGATTCCAAGGACCTCACGATGGTGCTGAAAACCTATGACACCAGCTTCCTGGACTTTCTCAGAAGGT
GTTTGGTATGGGAACCTTCTCTTCGCATGACCCCGGACCAGGCCCTCAAGCATGCTTGGATTCATCAGTC
TCGGAACCTCAAGCCACAGCCCAGGCCCCAGACCCTGAGGAAATCCAATTCCTTTTTCCCCTCTGAGACA
AGGAAGGACAAGGTTCAAGGCTGTCATCACTCGAGCAGAAAAGCAGATGAGATCACCAAAGAGACTACAG
AGAAAACAAAAGATAGCCCCACGAAGCATGTTCAGCATTCAGGTGATCAGCAGGACTGTCTCCAGCACGG
AGCTGACACTGTTCAGCTGCCTCAACTGGTAGACGCTCCCAAGAAGTCAGAGGCAGCTGTCGGGGCGGAG
GTGTCCATGACCTCCCCAGGACAGAGCAAAAACTTCTCCCTCAAGAACACAAACGTTTTACCCCCTATTG
TATGA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001282285
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).

View online »

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:	NM_001282285.1, NP_001269214.1
RefSeq Size:	968 bp
RefSeq ORF:	705 bp
Locus ID:	8798
Cytogenetics:	12p13.32
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	This gene encodes an enzyme that belongs to a conserved family of serine/threonine protein kinases. Members of this dual specificity kinase family are thought to function in the regulation of cell differentiation and proliferation, survival, and in development. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Aug 2013] Transcript Variant: This variant (2) differs in the 5' UTR and represents the use of an alternate promoter which results in translation initiation at a downstream AUG compared to variant 1. The resulting isoform (2) has a shorter N-terminus compared to isoform 1.