ORIGENE
EMPOWER YOUR RESEARCH

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 MC201917

Dok5 (NM_029761) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dok5 (NM_029761) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dok5
Synonyms:	2700055C10Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	see below

```
>BC066822 sequence for NM_029761
CTTCTCCTCCTCCTGGGAGCTGGAGCGGCTCCTCCTCCTGGCAGGCTGCCGCCCAGTCAGCTGACGCCGC
GCTCCAGTCTCGCCTCCCCGCCGCTCTCCCCCAAAGTGGCTGCTGGGCGCCGGCGGGCCGCCCACTTTCA
GGCTTTGGGGAGACAGGGGAAGCGATGTGCGCCTTCTGACGCCTGGTTTCACCGCATCACCTTGTTAACT
TTCACTCCCTCAGTCTCTGTCCTGACCCTCCTCCCCACATCCCTCCTCGAAGCCACTCAGGGTGCCGAGC
GCACGCTGGGGGCAGCAGGGTCACTGTCTGTCTGGGATGGCTTCCAATTTTAATGACATAGTGAAGCAGG
GGTACGTGAGGATCCGGAGCAGACGCCTAGGGATTTATCAACGATGCTGGTTAGTGTTCAAGAAAGCTTC
GAGCAAGGGTCCAAAGAGACTGGAGAAGTTCTCAGATGAACGGGCCGCGTACTTCAGGTGTTACCACAAG
GTTACAGAACTCAACAATGTGAAAAATGTAGCCCGATTGCCAAAGAGCACCAAGAAACATGCTATAGGGA
TTTATTTCAATGATGACACCTCGAAGACCTTTGCCTGTGAATCAGATCTTGAGGCAGACGAATGGTGCAA
AGTTCTCCAGATGGAGTGTGTGGGGACCAGAATCAATGACATCAGCCTCGGAGAGCCTGATTTATTGGCT
ACCGGGGTGGAACGCGAGCAGAGCGAGAGGTTCAATGTGTATTTGATGCCATCTCCTAACTTAGATGTAC
ATGGCGAATGTGCCTTGCGGATTACATATGAGTACATCTGTCTTTGGGACGTCCAGAATCCCAGAGTTAA
ACTCATCTCTTGGCCGCTAAGTGCCCTGCGGCGTTATGGACGAGACACCACGTGGTTCACTTTTGAGGCA
GGGAGGATGTGTGAGACTGGCGAAGGGTTATTTATTTTTCAAACACGAGACGGAGAGGCCATCTACCAGA
AGGTCCACTCTGCTGCCTTGGCCATAGCTGAGCAGCATGAACGGCTGCTGCAGAGCGTGAAAAATTCCAT
GATGAAGAAGAGCGAGCGGGCAGCGTCGCTGAGCACCGTGGTGCCCCTGCCCCGCAGCGCCTACTGGCAG
CATATCACGAGGCAGCACAGCACAGGACAGCTGTACCACCTTCAAGATGTCACCAGCCCGCTGAAGCTTC
ACCGGACAGAGACTTTCCCCACCTACCGGTCTGAGCACTGACAGCAACGCCAAGAGCTGTTAGCACATTT
GTGCTGTGTCAGCCACAGCAGGAGGACACAGAGGGACAGCCAGGGAGAGTGCAGATGAAGAAGAGCAGCT
TCGCCCCCTGCTAATGTGTGTGGCCACGGGAAACGCTGCAGAACAACATATGTATAAATATTTTTCCCTT
TCTCTCTCTCTCTTTCTTCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCCCTTCC
TTCCTTCCTTTCTTCCTTTCTCCCTTTCTCTCTTTCTCTCTCTTTCTTTTCTTTTTTTTTTTAAAGATAC
AGCCCTAACCTCATGGAAACGCACTGGATAATATCAGCCCACCCTGTTTTTATAGCTGGACAGAGGAGTC
AGTGTTGCTACCACGGACTGATTTTCTATTGGTGACGAGTGCCCCCTGTGCCTCTCTGAGTCTGTCCCTC
TGTGGATTTGTGTGATTTTCCTTGTAAGTGTTTCCGTCGTAAGACAGTCATCATGGACAATAAAATGCCT
CTTCAGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAA
```


View online »

Restriction Sites:	RsrII-NotI
ACCN:	NM_029761
Insert Size:	915 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:	BC066822, AAH66822
RefSeq Size:	1829 bp
RefSeq ORF:	915 bp
Locus ID:	76829
UniProt ID:	Q91ZM9
Cytogenetics:	2 92.26 cM
Gene Summary:	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK5 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway. Putative link with downstream effectors of RET in neuronal differentiation. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).