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Product datasheet for MC215226

Dok6 (NM_001039173) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Dok6 (NM_001039173) Mouse Untagged Clone

Tag: Tag Free

Symbol: Dok6

Synonyms: Dok-6

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF:

>MC215226 representing NM_001039173
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCTCCAACTTTAACGACATAGTCAAGCAGGGCTACGTGAAAATCCGCAGCAGGAAGCTAGGGATAT
TCAGACGATGCTGGTTGGTTTTTAAGAAGGCTTCTAGCAAGGGACCCAGAAGGCTAGAAAAGTTTCCAGA
TGAAAAGGCAGCTTATTTCAGAAACTTTCACAAGGTAACTGAACTGCACAACATCAAAAATATAACCAGA
CTGCCTCGAGAGACAAAGAAGCATGCAGTGGCAATTATCTTTCATGACGAAACGTCAAAGACATTTGCTT
GTGAGTCAGAGCTGGAGGCTGAGGAGTGGTGCAAGCACCTTTGCATGGAATGCCTGGGGACAAGACTGAA
TGACATCAGCCTAGGGGAGCCTGACCTACTGGCAGCTGGGGTGCAGCGGGAACAGAATGAACGATTCAAT
GTTTATCTTATGCCTACACCCAACCTGGATATTTATGGTGAATGCACAATGCAGATCACTCATGAGAATA
TCTATCTCTGGGATATCCACAATGCGAAGGTCAAGCTAGTGATGTGGCCTCTTAGCTCGCTGAGGAGATA
TGGTCGGGATTCAACTTGGTTCACCTTCGAGTCAGGAAGAATGTGTGACACAGGAGAAGGACTATTCACT
TTTCAAACAAGGGAAGGAGAAATGATCTATCAGAAGGTCCACTCTGCAACACTGGCTATAGCTGAGCAGC
ACGAAAGATTAATGCTAGAAATGGAGCAGAAGGCCCGGCTGCAGACAAGCTTGACTGAGCCGATGACGTT
ATCGAAATCCATCTCTCTTCCTCGGAGTGCATACTGGCATCACATTACACGTCAGAACAGTGTTGGGGAA
ATCTACAGCTTGCAAGGTCATGGGTTTGGTTCATCAAAGATGTCCAGGGCACAGACATTTCCCAGCTATG
CTCCAGAACAGAGTGAAGAGGCTCAGCCACCATTGTCACGGTCCAGCAGCTATGGATTCAGCTATAGCTC
CAGCCTCATTCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001039173

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Insert Size:	996 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:	NM_001039173.1, NP_001034262.1
RefSeq Size:	996 bp
RefSeq ORF:	996 bp
Locus ID:	623279
UniProt ID:	Q2MHE5
Cytogenetics:	18 E4
Gene Summary:	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK6 promotes Ret-mediated neurite growth. May have a role in brain development and/or maintenance (By similarity).[UniProtKB/Swiss-Prot Function]

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