

Product datasheet for MR225743

Dock1 (NM_001033420) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dock1 (NM_001033420) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dock1
Synonyms:	9130006G06Rik; A1854900; D630004B07Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR225743 representing NM_001033420 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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Protein Sequence:

>MR225743 representing NM_001033420
 Red=Cloning site Green=Tags(s)

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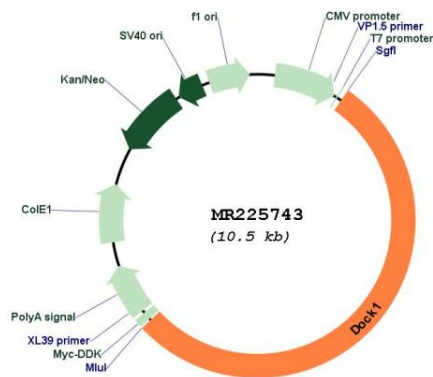
Restriction Sites:

SgfI-MluI

RefSeq: [NM_001033420.2](#), [NP_001028592.1](#)
RefSeq Size: 6815 bp
RefSeq ORF: 5598 bp
Locus ID: 330662
UniProt ID: [Q8BUR4](#)
Cytogenetics: 7 F3
MW: 215.1 kDa

Gene Summary: Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Along with DOCK1, mediates CRK/CRKL regulation of epithelial and endothelial cell spreading and migration on type IV collagen. Functions as a guanine nucleotide exchange factor (GEF), which activates Rac Rho small GTPases by exchanging bound GDP for free GTP. Its GEF activity may be enhanced by ELMO1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225743