

Product datasheet for **RG240093**

MAP3K6 (NM_001297609) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAP3K6 (NM_001297609) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MAP3K6
Synonyms:	ASK2; MAPKKK6; MEKK6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG240093 representing NM_001297609. Blue=ORF Red=Cloning site Green=Tag(s)

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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC

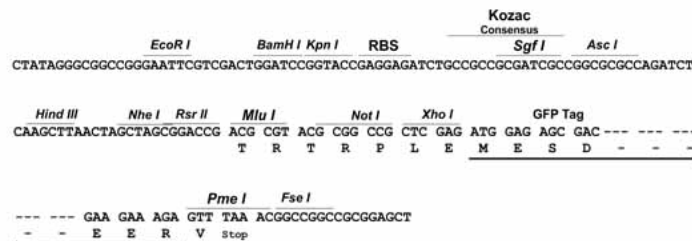
Protein Sequence: >Peptide sequence encoded by RG240093
 Blue=ORF Red=Cloning site Green=Tag(s)

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Restriction Sites: AscI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:

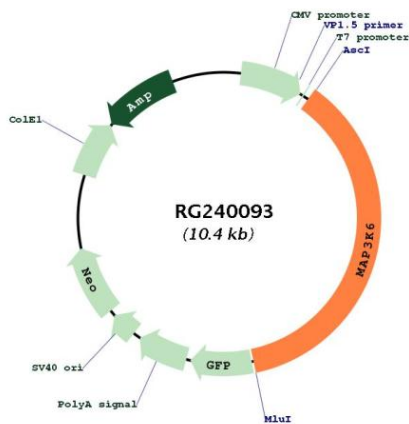


ACCN: NM_001297609

ORF Size: 3840 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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).
RefSeq:	NM_001297609.2
RefSeq Size:	4329 bp
RefSeq ORF:	3843 bp
Locus ID:	9064
UniProt ID:	O95382
Cytogenetics:	1p36.11
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	MAPK signaling pathway
MW:	142.1 kDa
Gene Summary:	This gene encodes a serine/threonine protein kinase that forms a component of protein kinase-mediated signal transduction cascades. The encoded kinase participates in the regulation of vascular endothelial growth factor (VEGF) expression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

Product images:



Circular map for RG240093