

Product datasheet for **SC337987**

MAP3K6 (NM_001297609) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAP3K6 (NM_001297609) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAP3K6
Synonyms:	ASK2; MAPKKK6; MEKK6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001297609, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGGCCGTGTCCCGGTCCGGGGCGGAGCGCGCCGGCAGCTGCTGGCAGGACCCGCTGGCCGTGG
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GGTCTACGTGCTGACCCGGGAGCCGAGCCCGGGCTCGAGCCTCGGGAGGGAACCGAGCCGAGCCGCTG
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TACTGACCCAGTAAGCACAGTGACCCTGAGCCTGCTGGAGCCTGAGACCCAGGACATTCCCTCCAGCTGG
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 TGCAGTGGCTACAGGAACTGAATGTGGATTCAAGCACCATCCAATGCTGTTGAACCATAGCTTCAACCT
 CCACACTGCTCACCTATGCCACTCGAGATGACCTCATCTACACCCGCATCAGGGGAGGGATGGTATGC
 CGCATCTGGAGGGCCATCTTGGCACAGCGAGCAGGATCCACACCAGTCACTCTGGACCC**TGA**

Restriction Sites:

Ascl-MluI

ACCN:

NM_001297609

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:	<ol style="list-style-type: none">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_001297609.1 , NP_001284538.1
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
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>