

## Product datasheet for **SC300256**

### MAP3K15 (NM\_001001671) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MAP3K15 (NM_001001671) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAP3K15
Synonyms:	ASK3; bA723P2.3
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_001001671 edited  
 ATGGCATGTCTCACCCACAGAAATGAAACAGATGCACGAATGGAATTTTACAGCCTCTTC  
 CATAAAGGGAATAAGGCTGGAGTACAGTGGCAGCATCTCGGCTCACTGCAACCTCTGCT  
 CCCAGGTTCAAGCGATTCTCTGCCTCAGCCTCCAGAGTAGCTGGGACTACAGCCTATCA  
 AAGTTTGATGAAAGGTGTGTTTTCTTTATGTCCATGATAATTCTGATGACTTTCAAATC  
 TACTTTTCCACCGAAGAGCAGTGCAGTAGATTTTTCTTTGGTCAAAGAGATGATAACC  
 AATACAGCAGGCAGTACGGTGGAGCTGGAGGGAGAGACCGATGGAGACACCTTGGAGTAT  
 GAGTAGACCATGATGCAAATGGTGAGAGAGTTGTCTTGGGAAAAGGCAGTATGGGATT  
 GTGTATGTGGCCGAGATCTGAGCAATCAAGTGCGAATAGCCATCAAAGAAATCCCGGAG  
 AGAGATAGCAGGTATTCTCAGCCTCTGCACGAGGAGATAGCCCTGCACAAGTACCTTAAG  
 CACCGCAATATCGTTCAGTACCTGGGCTCTGTTTCAGAGAACGGCTACATTAAGATATTT  
 ATGGAGCAGGTGCCTGGAGGAAGCCTTTCTGCTTTCTGCGATCCAAATGGGGCCGATG  
 AAGGAACCGACAATCAAGTTTTACACCAAACAGATCCTGGAGGCCTTAAGTATCTTCAT  
 GAAAACAGATCGTGCACAGAGACATAAAGGGCGATAATGTTCTGGTGAACACCTACAGC  
 GGAGTGGTGAAAATCTCCGATTTTGGAACTCGAAACGTCTTGGGGTGTGAACCCCTGC  
 ACAGAGACTTTTACTGGCACCTGCAGTACATGGCACCTGAGATAATTGACCAAGGGCCT  
 CCGCGATATGGTGCCCGAGCCGATATCTGGTCCCTGGGCTGCACCATCATTGAGATGGCC  
 ACCAGCAAGCCTCCGTTCCATGAGCTTGGTGAGCCGAGGAGCCATGTTCAAAGTGGGC  
 ATGTTTAAAGTCCACCCTGAGATTCCAGAAGCCCTTTCAGCTGAAGCCCGAGCCTTCATT  
 TTATCCTGTTTCGAGCCTGACCCCAACAACGTGCCACCACTGCTGAGCTACTGAGAGAG  
 GGTTTCTTAAGGCAGGTGAACAAGGGCAAGAAGAACC GAATTGCCTTCAAGCCCTCAGAA  
 GGTCCCGCGGTGTCGTCTGGCCCTGCCACACAGGGAGAGCCCATGGCCACCAGCAGC  
 AGCGGACAGGCTCTGTCTCCCCAGACTCCGACGCCAGCCTGACGCACTTTTGAGAGG  
 ACCCGGGCGCCAGGCACCACTTGGCCACCTCCTCAGTGTTCAGACGAGAGCTCAGCC  
 TTGGAAGACCGGGCTTGGCCTCGTCCCGGAGGACAGGGACCAGGGCCTCTTCTGCTA  
 CGCAAGGACAGTGAGCGCCGTGCCATCCTGTACAAAATCCTCTGGGAGGAGCAGAACCAG  
 GTGGCTTCCAACCTGCAGGAGTGTGTGGCCAGAGTTCGAAGAGTTGCATCTCTCAGTT  
 GGACACATCAAGCAAATCATTGGGATCCTGAGGGACTTCATCCGCTCCCCAGAGCACC GG  
 GTGATGGCGACCACAATATCAAAGCTCAAGGTGGACCTGGACTTTGACAGCTCGTCCATC  
 AGTCAGATTCACCTGGTGTGTTCCGATTTCCAGGATGCCGTAATAAAAATTTTGAGGAAC  
 CACTTAATTAGGCCCCACTGGATGTTCCGATGGACAACATCATCCGCCAGCGGTGCAG  
 GCCGCGTCAACATTCTCATCCCAGAGCTCCGAGCCACTTTGAGCCTACCTGTGAGACT  
 GAAGGGGTAGATAAAGGACATGGATGAAGCGGAAGAGGGCTATCCCCAGCCACCGGACCT  
 GGCCAGGAGGCCAGCCCCACCAGCAGCACCTGAGCCTCCAGCTGGGTGAGCTCAGACAG  
 GAGACCAACAGACTTTTGGAACCTAGTTGAAAAAGAGAGAGATACCAGAATCTTCTG  
 CGGCAAACCTAGAACAGAAAACCAAGAATTGTATCACCTTCAGTTAAAATTAATTCG  
 AATTGTATTACAGAGAACCAGCAGGCCCTACGGGCAGAGAACAGATAAAGAGCTTATA  
 GACTGGTTGCGGCTGCAAGGAGCTGATGCAAAGACAATTGAAAAGATTGTTGAAGAGGT  
 TATACACTTTTCGGATATTCTTAATGAGATCACTAAGGAAGATCTAAGATACCTTCGACTA  
 CGGGGTGGTCTCCTCTGCAGACTCTGGAGTGGGTCTCCAGTACAGAAGGGCTCAGGAG  
 GCCTCAGAAACCAAGACAAGGCTTGA

**Restriction Sites:** Please inquire

**ACCN:** NM\_001001671

**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).

<b>OTI Annotation:</b>	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001001671.1, NP_001001671.1</u>
<b>RefSeq Size:</b>	4695 bp
<b>RefSeq ORF:</b>	2367 bp
<b>Locus ID:</b>	389840
<b>UniProt ID:</b>	<u>Q6ZN16</u>
<b>Cytogenetics:</b>	Xp22.12
<b>Protein Families:</b>	Druggable Genome, Protein Kinase
<b>Gene Summary:</b>	The protein encoded by this gene is a member of the mitogen-activated protein kinase (MAPK) family. These family members function in a protein kinase signal transduction cascade, where an activated MAPK kinase kinase (MAP3K) phosphorylates and activates a specific MAPK kinase (MAP2K), which then activates a specific MAPK. This MAP3K protein plays an essential role in apoptotic cell death triggered by cellular stresses. [provided by RefSeq, Jul 2010]