

Product datasheet for **MC216230**

Stk38 (NM_134115) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stk38 (NM_134115) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stk38
Synonyms:	5830476G13Rik; 9530097A09Rik; AA617404; Ndr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216230 representing NM_134115
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAATGACAGGATCAACACCTTGCTCATCCATGAGTAATCATACGAAGGAGAGGGTGACAATGACCA
 AAGTGACACTGGAGAATTTTATAGCAACCTTATCGCTCAACATGAAGAACGAGAAATGAGACAAAAGAA
 GTTAGAAAAGGTGATGGAAGAAGAAGGCCGTGAAAGACGAAGAGAAACGACTCAGAAGATCCGCGCACGCT
 CGGAAGGAAAACAGAGTTTCTTCGATTAAGAGAACAAGGCTTGGACTGGAAGATTTTGTAGCTTTAAAAG
 TCATAGGCCGAGGAGCATTGGTGAGGTGCGGCTTGTTCCAGAAGAAAGACACAGGGCATGTGTACGCAAT
 GAAAATCTGCGCAAAGCAGACATGCTCGAGAAGGAGCAGGTTGGCCACATTCGTGCGGAGCGTGACATT
 CTAGTGGAGGCAGACAGTTGTGGGTTGTGAAATGTTCTATAGTTTTCCAGATAAGCTAAACCTCTACC
 TAATCATGGAGTTCCTGCCTGGAGGGACATGATGACTTTATTGATGAAAAAGATACTCTGACAGAAGA
 GGAGACTCAGTTTTATATAGCAGAGACAGTATTAGCCATAGACTCCATACCAGCTGGGATTCATCCAC
 AGAGATATCAAGCCAGACAACCTTCTCTGGACAGCAAGGGCCATGTGAAACTTTCCGACTTTGGCCTTT
 GCACAGGCCTGAAAAAGCACACAGGACAGAATTTTATAGGAACCTGAACCACAGCCTGCCAGTGATT
 CACTTTTCAGAACATGAATTCAAAAGGAAAGCAGAGACTGGAAAAAGAAACAGACGCCAGCTAGCCTTC
 TCTACAGTGGGACTCCTGACTACATTGCTCCAGAGGTGTTATGCAGACGGGTTACAACAAGCTCTGCG
 ATTTGGTGGTCGCTCGGGTAATCATGTATGAGATGCTCATCGGCTACCCACCATTTCTGCTCCGAGACCCC
 ACAAGAGACATAACAAGAAAGTGAAGTGAAGTGAAGGAACTTTGACCTTTCCTCCAGAAGTTCCTGTCTCC
 GAGAAAGCCAAGGGCCTGATTCTGAGGTTCTGCTGTGAATGGGAACATAGAATCGGAGCCCTGGAGTTG
 AAGAAATAAAAAATAATCTTTTTTTTGAAGGTGTTGACTGGGAACACATCAGGGAGAGACCAGCTGCGAT
 ATCTATTGAAATCAAGAGCATCGATGATACCTCAAACCTCGATGAATTTCCAGAGTCTGATATTCTTAAG
 CCCACAGTGACCAAGTAGTCATCCTGAGACGGACTACAAGAACAAGACTGGGTCTTCATCAATTACA
 CATAAAGCGCTTCGAGGGCCTGACAGCCAGGGGGCCATACCTCGTACATGAAAGCAGCAAAA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2243_e05.zip

Restriction Sites: SgfI-MluI

ACCN: NM_134115

Insert Size: 1398 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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:	<u>BC009658</u> , <u>AAH09658</u>
RefSeq Size:	3288 bp
RefSeq ORF:	1398 bp
Locus ID:	106504
UniProt ID:	<u>Q91VJ4</u>
Cytogenetics:	17 A3.3
Gene Summary:	Negative regulator of MAP3K1/2 signaling. Converts MAP3K2 from its phosphorylated form to its non-phosphorylated form and inhibits autophosphorylation of MAP3K2 (By similarity). [UniProtKB/Swiss-Prot Function]