

Product datasheet for **MG207529**

Stk38l (BC062170) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stk38l (BC062170) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Stk38l
Synonyms:	B230328I19, Ndr54
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207529 representing BC062170
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAATGACGGCAGGGGCAACAACACTACCTTTCTATGACCAACCATACCCGGAAAGAGTAAGTGTGG
 CCAAGCTCACACTGGAGAATTTTACAGCAACCTAATTTTACAGCATGAAGAGAGAGAAAACCAGGCAGAA
 GAAGTTAGAAGTGGCTATGGAAGAAGAAGGATTGGCAGATGAGGAGAAAAAGTTACGTCGATCGCAGCAT
 GCTCGTAAAGAAACAGAGTTCTTACGCCTTAAGAGGACCAGACTTGGCCTGGATGACTTTGAGTCTCTGA
 AGGTTATAGGAAGAGGAGCTTTTCGGAGAGGTGCGGCTGGTCCAGAAGAAAGACACGGGGCACATCTATGC
 CATGAAGATCCTGAGGAAAGCTGACATGCTTGAGAAAGAGCAGGTGGCTCATATCCGAGCAGAAAGGGAC
 ATTTTGGTGAAGCAGATGGAGCCTGGGTGGTGAAGATGTTCTACAGTTTTTCAGGACAAACGGAATCTCT
 ATCTCATCATGGAATTTCTTCTGGAGGTGACATGATGACATTGCTGATGAAGAAGGACACCTTAACAGA
 AGAAGAGACACAGTTCTACATCTCAGAGACTGTCTTGGCGATAGATGCAATTCACCAGCTGGGCTTCATC
 CACCGGGACGTCAAACCAGACAACCTTTTACTGGATGCCAAGGGACATGTAAAATTATCTGATTTTGGTT
 TGTGCACGGGTTAAAGAAAGCTCACAGGACTGAATTCTACAGAAACCTCACACATAACCCGCCAAGCGA
 CTTCTCATTTTCAGAACATGAATTCAAAGCGGAAAGCAGAGACATGGAAGAAGAACAGGAGACAGCTGGCT
 TACTCCACAGTTGGAACACCAGACTACATTGCTCCAGAAGTATTCATGCAGACTGGCTACAACAAATTTGT
 GTGACTGGTGGTCTTGGGAGTGATTATGTACGAGATGCTAATAGGCTTTCCACCTTTCTGCTCCGAAAC
 ACCACAAGAAACGTACAGAAAAGTTATGAGCTGGAAGGAGACGCTGGCATTTCCTCCGGAAGTCCCGTC
 TCTGAGAAAAGCCAAGGACTTGATTCTCAGATTTGTACTGATTCTGAAAACAGGATTGGGAATGGTGGTG
 TGAAGAATAAAGGTATCCGTTCTTTGAGGGTGTAGACTGGGGGCACATAAGGGAAAGACCAGCAGC
 TATTCCTATAGAAATCCGGAGTATAGATGACACCTCAAACCTTTGATGACTTCCCTGAGCTGATATCTTA
 CAGCCAGTTGCCTTTTTCTCTTTCTAGTGCCGAATACCACAGAGCCCGACTACAATCCAAGACTGGG
 TTTTTCTCAATTACACTACAAAAGTTTGAAGGGCTGACCCAGAGAGGCTCCATTCTACATACATGAA
 AGCTGGGAAGTTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG207529 representing BC062170
 Red=Cloning site Green=Tags(s)

MAMTAGATTTFPMSNHTRERVTVAKLTLENFYSNLILQHEERETRQKKLEVAMEEEGLADEEKKLRRSQH
 ARKETEFRLRRLKRLGLDDFESLKVIGRGAFFGEVRLVQKKTGHIYAMKILRKADMLEKEQVAHIRAERD
 ILVEADGAWVVKMFYSFQDKRNLYLIMEFLPGGDMMLLMKKDTLTEETQFYISETVLAIDAIIHQLGFI
 HRDVKPDNLLLDAGHVKLSDFGLCTGLKKAHRTEFYRNLTHNPPSDFSFQNMNSKRKAETWKNRRQLA
 YSTVGTDPDYIAPEVFMQTYNKLCDWWSLGVIMYEMLIGFPPFCSETPQETYRKVMSWKETLAFPPPEVPV
 SEKAKDLILRFCTDSENRI GNNGVVEIKGHPFFEGVDWGHIRERPAAIPIEIRSIDDTSNFDDFPESDIL
 QPVAFFLFLVPNTTEPDYKSKDWWFLNYTKRFEGLTQRGSIPTYMKAGKL

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Reconstitution Method:

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: [BC062170.1](#)

RefSeq Size: 2377 bp

RefSeq ORF: 1415 bp

Locus ID: 232533

Cytogenetics: 6 G3

Gene Summary: Involved in the regulation of structural processes in differentiating and mature neuronal cells. [UniProtKB/Swiss-Prot Function]