

## Product datasheet for **MG206585**

### Stk26 (NM\_133729) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stk26 (NM_133729) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Stk26
Synonyms:	2610018G03Rik; Mst4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206585 representing NM_133729 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCACTCACGGTGGCTGTTCAAGTGCCTGGGATGCAGAATAATATAGCAGATCCAGAAGAACTGT  
TCACAAAATTAGAGCGCATTGGAAAAGGCTCCTTTGGAGAAGTTTTCAAAGGAATTGATAACCGTACTCA  
GCAAGTGGTTGCAATTAATCATTGACCTTGAGGAAGCTGAGGATGAAATAGAAGACATCCAACAAGAA  
ATAACTGTTTTGAGTCAGTGCACAGCTCATATGTAACAAAATACTATGGGTCTATTTAAAGGGTTCAA  
AACTATGGATAAATGAATACCTAGGTGGAGTTTCAAGCATTGGATCTTCTGCGTGCTGGTCCATTGGA  
TGATTTCCAGATTGCCACCATGCTCAAGGAGATTTTAAAAGGTCTGGACTATCTACATTCTGAAAAGAAA  
ATCCACCAGACATTAAGCTGCCAACGCTTGTCTTTCAGAACAAAGGTGATGTTAAACTGGCTGACTTTG  
GAGTTGCTGGCCAGCTGACAGATACACAAATCAAAGAAACACCTTCGTAGGGACTCCGTTTTGGATGGC  
TCCTGAAGTTATCAACAGTCAGCTTATGACTCTAAAGCTGACATATGGTCTTTGGGAATTACTGCTATT  
GAACTTGCCAAGGGAGAGCCTCCGAATTCGACATGCATCCAATGAGAGTTCTGTTTCTTATCCAAAAA  
ACAACCTCCAACCTTTATTGGAGACTTACTAAGTCTTCAAGGAGTTTATTGATGCTTGCTGAATAA  
AGACCCGTCATTCGTCCTACAGCTAAAGAAGCTTTGAAGCATAAGTTCATCGTAAAAAATCAAAGAAG  
ACTTCTTATCTGACTGAATTGATCGATCGATTTAAGAGATGGAAGGCAGAAGGCCACAGTATGAGGAAT  
CTGATTCGAGGGCTCTGACTCGGAATCCAGCAGCAGGAAAGTAACCCCTACCCTGAATGGAGTTTCAC  
CACTGTGCGTAAGAAGCCTGATCCAAAGAACTGCAGAATGGGGAAGAGCAAGATCTTGTCAAACCTTG  
AGCTGTTTGTCTATGATAATCACACCTGCATTTGCCGAACCTAAACAGCAGGACGAGAATAATGCGAGTC  
GAAACCAGGCAATTGAAGAAGCTTGAAGAAAGTATTGCTGTGGCTGAAACCGCCTGTCTGGCATCACAGA  
TAAGATGGTGAAGAACTAATCGAAAAATTTCAAAGTGTCTGCGGATGAATCCCCT

**ACGGTACGGCGCCGCTCGAG** - GFP Tag - GTTTAA



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**Protein Sequence:** >MG206585 representing NM\_133729  
 Red=Cloning site Green=Tags(s)

MAHSPVAVQVPGMQNNIADPEELFTKLERIGKGSFGEVFKGIDNRTQQVVAIKIIDLEEADEIEDIQQE  
 ITVLSQCDSSYVTKYYGSYLKGSKLWIIMEYLGGSALDLLRAGPFDEFQIATMLKEILKGLDYLHSEKK  
 IHRDIKAANVLLSEQGDVKLADFGVAGQLTDTQIKRNTFVGTFFWMAPEVIQQSAYDSKADIWSLGITAI  
 ELAKGEPPNSDMHPMRVLFLLIPKNNPPTLIGDFTKSFKEFIDACLNKDPSFRPTAKELLKHKFIVKNSKK  
 TSYLTELIDRFKRWKAEGHSDEESDSEGSDESSRESNPHPEWSFTTVRKKPDPKKLQNGEEQDLVQTL  
 SCLSMIITPAFAELKQQDENNASRNQAIEELEKSIAVAETACPGITDKMKVKKLIEKFQKCSADESP

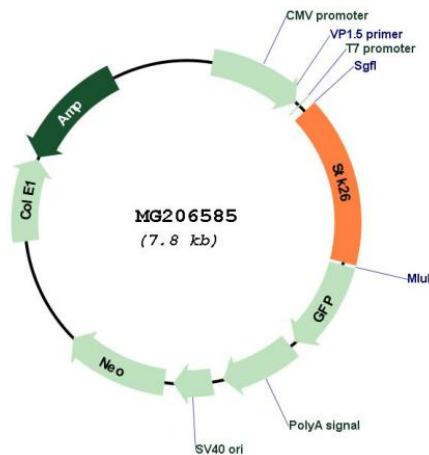
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_133729

<b>ORF Size:</b>	1248 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_133729.2</a> , <a href="#">NP_598490.1</a>
<b>RefSeq Size:</b>	2016 bp
<b>RefSeq ORF:</b>	1251 bp
<b>Locus ID:</b>	70415
<b>UniProt ID:</b>	<a href="#">Q99JT2</a>
<b>Cytogenetics:</b>	X A5
<b>Gene Summary:</b>	Mediator of cell growth. Modulates apoptosis. In association with STK24 negatively regulates Golgi reorientation in polarized cell migration upon RHO activation.[UniProtKB/Swiss-Prot Function]