

Product datasheet for **MG206755**

Skp2 (BC092236) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Skp2 (BC092236) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Skp2
Synonyms:	4930500A04Rik; FBXL1; FWD1; p45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206755 representing BC092236 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCATAGGAAGCACCTTCAGGAGATCCGGACCAGAGTGGAACGTCACCACCAGCTTCACGTGGGGAT
GGGATTCCAGCAAGACTTCTGAAGTCTATCAGGCATGGGTGTCTCGGCCTTGGAGAAGGAGGAGGTGGA
CAGTGAGAACATCCACATGGACTGCTCTCAAACCTCGGCCACCCAGAGCCCTCAAGGAAACGAGTC
AAGGGCAAAGGGAGTGACAAAGACTTTGTGATCATCCGTCGGCCGAAGCTTAGTCGGGAGAACTTCCAG
GTGTCTCCTGGGACTCCCTTCCAGATGAGCTGCTCCTTGGGATCTTTTCTGTCTGTGCCTCCCTGAGCT
GCTGAGAGTCTCGGGCGTTTGAAGAGGTGGTACCGCCTCTCGCTCGATGAGTCTCTTGCCAGTCCCTC
GACCTCGCGGGTAAAAATCTGCACCCAGACGTGACTGTGCGCTTCTCTCCCGCGGGGTGGTTCGCTTCC
GCTGCCCTCGGTCTTTATGGAGCAGCCGCTGGGTGAAAGCTTCAGCTCTTCCGGGTACAGCACATGGA
CCTGTGCAACTCAGTGATAAATGTGCGAACCTCCATAAGATTCTGTCCGAGTGTCCAAGCTGCAGAAAT
CTAAGCCTGGAAGGCTGCAGCTCTCAGACCCATTGTCAAGACTCTTGCACAGAATGAAAACTTGGTGC
GACTAAACCTTTGTGGGTGCTCTGGGTTTTCTGAATCTGCCGTGGCGACTCTGCTAAGCAGCTGTCCAG
ACTGGATGAGCTAAATCTCTCCTGGTGTCTTGAAGTCACTGAAAAGCACGTGCAAGCGGCTGTGGCACAT
TTACCAAACCCATCACCAGCTGAACCTCAGCGGCTACCGAAAGAACCTCCAGAAAACAGATCTTTGTA
CCATAATTAACGATGCCCAACCTCATCCGCTCGACTTAAGTGACAGTATCATGCTAAAGAATGACTG
CTTTCCAGAATTTTTCAACTCAACTACCTCCAACACCTCTCGCTCAGCCGGTGCTATGATATAATACCT
GATACTCTACTTGAAGTGGAGAAATCCTACACTAAAAACGCTACAAGTTTTTGAAGTGTGCCAGAGG
GAACCTTCCAGTACTGAGGGAAGCTCTTCTCGGCTGCAGATTAAGTGCCTATTTACCACCATTTGC
AAGGCCAACTATGGACAGCAAGAAGAACCTGGAGATTTGGGGTATCAAGTCCGACTGACTCTGCAAAAAG
CCCAGTTGTCTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online >](#)

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: [BC092236](#), [AAH92236](#)

RefSeq Size: 3096 bp

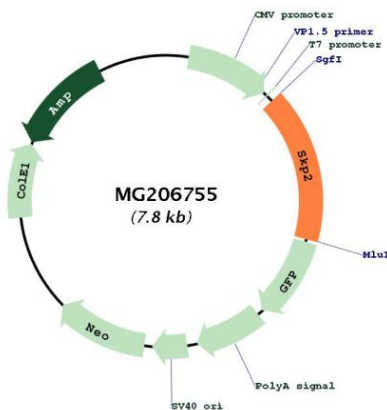
RefSeq ORF: 1274 bp

Locus ID: 27401

Cytogenetics: 15 A1

Gene Summary: Substrate recognition component of the SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription. The SCF complex provides substrate specificity and interacts with both, the E2 ubiquitin-conjugating enzyme and the substrate. Specifically recognizes phosphorylated CDKN1B/p27kip and is involved in regulation of G1/S transition. Degradation of CDKN1B/p27kip also requires CKS1. Promotes ubiquitination and destruction of CDH1 in a CK1-Dependent Manner, thereby regulating cell migration (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG206755