

Product datasheet for **RR207717**

Skp2 (NM_001106416) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Skp2 (NM_001106416) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Skp2
Synonyms:	RGD1562456
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR207717 representing NM_001106416
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCATAGGAAGCACCTTCAGGAGATCCGGACCAGAGTAGCAACGTACCACCAGCTTCACGTGGGGAT
 GGGATTCCAGCAAGACTTCTGAACTGCTGTGAGCATGGGTGTCTCTGCCTTGGAGAAGGAGGAGTGGA
 CAGTGAGAACATCCCACATGGACTGCTCTCAAACCTCGGCCACCCCAAGGCCCTCCAAGAAAAGGCTA
 AAGAGCAAAGGGAGTGACAAAGACTTTGTGATCATTCTGTCGGCCTAAGCTCAATCGAGAGAACTTCCAG
 GTGTTTCTGGGACTCCCTTCCAGATGAGCTGCTCCTGGGAATCTTTTCTGTCTGTGCCTCCCTGAGCT
 TTTGAGAGTCTTGAGTTTGAAGAGGTGTACCGCCTCTCGCTCGATGAGTCTCTTGGCAGTCCCTA
 GACCTCGCAGGCAAAAATCTGCACCCAGACGTGACAGTGCCTGCTCTCGAGGAGTCGTGGCCTTCC
 GCTGCCACGGTCGTTTATGGAGCAGCCACTGGGCGAAAGCTTCACTCTTCCGTGTACAGCACATGGA
 CCTGTGCAACTCAGTTATAAATGTGTCAAACCTCCACGGATTCTGTCCGAGTGTCCAAGTGCAGAAT
 CTGAGTCTGGAAGGCCTGCAGCTTTCAGATCCATTGTCACTACTCTTGGCAGAAATGAAAACCTTGGTGC
 GACTGAACCTTTGTGGGTGCTCTGGATTTCTGAGTCTGCCGTGGCCACCTGCTGAGCAGCTGCTCCAG
 ACTGGATGAAGTGAACCTCTCCTGGTGCTTACTTCACTGAGAAGCATGTGCAAGCGGCCGTGGCAGAT
 TTACCAGATACGCTCACCCAGCTGAACCTCAGCGGCTACCGAAAGAACCTCCAGAAAACAGATCTTTGTA
 CCCTAATTAACGATGCCCAACCTCGTCCGCCTCGACTTAAGTGACAGTATCATGCTGAAGAATGACTG
 CTTTCCAGAATTTTTCAACTCACTACCTCAACACCTCTCGCTCAGCCGGTGTACGATATAAATACCT
 GAGACGCTACTTGAAGTGGAGAAATCCCACACTAAAAACACTACAAGTTTTTGGGATCGTGCCAGACG
 GGACCCCTCAGCTACTGAGAGAAGCTCTTCTCGCCTGCAGATTAATTGTGCCTATTTACCTCCATTGC
 AAGGCCAACTATGGACAACAAGAAGAACCCTGGAGATTTGGGGTATCAAATGCCGACTGACCTGCAAAAG
 CCCAGTTTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR207717 representing NM_001106416
 Red=Cloning site Green=Tags(s)

MHRKHLQEIPDQSSNVTTSTFTWGWDSKTSSELLSGMGVSALEKEEVDSENIIPHGLLSNLGHPQSPPRKRL
 KSKGSDKDFVIRRPKLNRENFPVSWDSLPEDELLGIFSCCLPELLRVSGVCKRWYRLSLDESLWQSL
 DLAGKNLHPDVTVRLLSRGVAFRCPRSFMEQPLGESFSSFRVQHMDLSNSVINVSNLHGILSECSKLQN
 LSLEGLQLSDPIVTTLAQENLVRNLNLCGCSGFSESAVATLLSSCSRLDELNLSWCFDFTEKHVQAAVAH
 LPDTLTQLNLSGYRKNLQKTDLCTLIKRCPNLVRDLSDSIMLKNDCFPEFFQLNYLQHLSLSRCYDIIP
 ETLLELGEIPTLKTQVFGIVPDGTLQLLREALPRLQINCAYFTSIARPTMDNKKNPFIWGIKRLTLQK
 PSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja1854_f09.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001106416

ORF Size: 1269 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

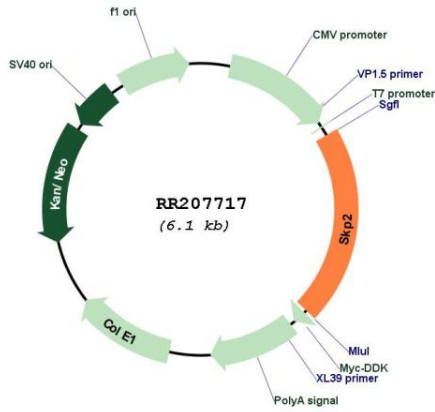
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- Reconstitution Method:**
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: [NM_001106416.2](#), [NP_001099886.1](#)

RefSeq Size: 2996 bp
 RefSeq ORF: 1272 bp
 Locus ID: 294790
 Cytogenetics: 2q16
 MW: 48.1 kDa

Product images:



Circular map for RR207717