

Product datasheet for **RN213670**

Stk16 (NM_173142) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stk16 (NM_173142) Rat Untagged Clone
Tag: Tag Free
Symbol: Stk16
Synonyms: F52; PKL12
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213670 representing NM_173142
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCCATGCACTGTGTCTGTTCCCGGGAACTGTCATCATTGACAATAAGCGTTACCTCTTCGTCC
AGAAATGGGGGAGGGTGGTTTCAGCTACGTGGACCTAGTGGAGGGCTTACATGATGGACACTTCTACGC
CCTGAAGCGAATCCTGTGTCATGAGCAGCAGGACCAGGAAGAGGCCAACGAGAGGCAGACATGCATCGC
CTCTCCAGCATCAAACATCCTTCGCCTCATGGCTTACTCTTTGAAAGAACGAGGTGCTAAGCATGAAG
CCTGGCTGCTGCTACCTTCTTCAAGAGAGGTACACTGTGGAATGAGATAGAAAGGCTGAAGGACCAAGG
CAACTTCTGACTGAAGACCAAATCCTTCGGTGTGCTGGGTATCTGCAGAGGCCTTGAGGCCATTTCAT
GCCAAAGGTTATGCACACAGGGACCTGAAGCCCAATATTTTGCTTGGTGATGAGGGGAGCCGGTTT
TAATGGACTTGGGTTCTATGAATCAAGCATGCATCCAAGTGGAGGGATCTGCCAGGCCCTAGCTCTACA
GGACTGGGAGCCAGCGGTGCACCATCTCCTACCGGACCTGAACTTTTTCTGTGCAAAGCCACTGT
GTCATCGATGAGCGGACTGATGTCTGGTCCCTAGGCTGTGTCTTATGCAATGATGTTTGGGAAGGCC
CTTATGATATGGTGTCCAGAAAGGTGACAGTGTGGCCCTGCTGTGCAGAATGACCTCAGCATCCACA
AAGCCCCAGGCATTCTCAGCATTGCGACAGCTGTTGGCCTCTATGATGACTGTGGACCCAGCAACGC
CCTCACATCCCTGTCTCCTCAGTCAATTGGAGGCATTGCAGCCACCAGCTCCTGGCCAGCACACCACC
AAATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_173142
Insert Size: 918 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	NM_173142.1 , NP_775165.1
RefSeq Size:	1489 bp
RefSeq ORF:	918 bp
Locus ID:	286927
UniProt ID:	P57760
Cytogenetics:	9q33
Gene Summary:	serine/threonine protein kinase enzyme; may regulate transforming growth factor-beta (Tgfb) and vascular endothelial growth factor transcription [RGD, Feb 2006]