

Product datasheet for MR220857

Stk35 (NM_001038635) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stk35 (NM_001038635) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Stk35
Synonyms:	1700054C12Rik; CLIK1; Stk35I1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR220857 representing NM_001038635 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCCACCAGGAATCTCCGCTGACCAGAGCGGGCGGGAGGTGCAGCTTACATAAAGAGGTTACGTA
AAGTGCTCAGCTGGCGTGAACCGGGACGGCCACGGAACTGGAAGCCGAGGCCTCCCCGGGAGCGT
TGCTGTCATCACAAGAGCAGCGCCGCGACGCGCTACACGCTCAGCCAGGCTCCCCGCTCGCGCCCTACC
CGGCTCTGCAGACAAGCCGGCTCGGAACGGACCATCCTCGGGCGGGCTCCAAGGGGAACCGGTTCCG
CCCGAAGAGGAACAGCGCCGGCCAGATCACCATCCAAGTCCCCTCCACATCTCGGGCTAGACG
GAGGGATGAGGCAAGGGGGCCCGGGCGGCGCGTTGCTGCTCCCCCGCCCCCGAGCCATGGAACG
GGAAAGAGAACGGAGCCCGAGAGGGACAAAAAGCCCGAGCGGAAAAGCGAAGCCAGTCCAGCGGG
TACTGTGCGAGAAGCTGAGGCCGGCGGCCAGGCCATGGATCCGGCTGGGGCCGAGGTCCCGGGCGAGGC
CTTCTGGCCCGGGCGGCGCGGATGGCGGCGGGGATGTTCTGCACGGCCGCGCTACAGCCTTTG
GCGGAGATCGGGCGGGCAGCTACGGCGTGTTTATGAGGCTGTGGTGGGCGCAGTGGGGCCAGGGTGG
CAGTCAAGAAGATCCGCTGCGACGCTCCCGAGAAGCTGGAGTTGGCACTAGCAGAATTCTGGGCCCTCAC
CAGTCTCAAGCGGGCCACCAGAATATCGTGCAGTTTGAAGAGTGCCTACAGCGCAACGGGTTAGCC
CAGCGCATGAGTCACGGCAACAAGAATCACAGCTTACCTGCGCCTGGTGGAGACCTCGCTCAAAGGTC
GATCCTTCGGGACCCACAGTCTCATCTGTCTCGGACAGGATGGCAGAGGTTACAGGTGGTGGTATCTC
C

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR220857 representing NM_001038635
Red=Cloning site Green=Tags(s)

MGHQESPLTRAAAGGAAYIKRLRKVLSWRELDGHHNLEAEASPGSVAVITRAAPRRATRSARLPASRPT
 RLCRQARLGTDHPPARAPRGNRFARKRNSAGQITIQGPAPPHLGARRRDEARGARAAPLLPPPPAAMET
 GKENGARRGKSPERKRRSPVQRVLCCKLRPAAQAMDPAGAEVPGAEFLARRRPDGGGGDVPARPRYSLL
 AEIGRSYGVVYEAVAGRSGARVAVKKIRCDAPENVLALAEFWALTSLKRRHQINIVQFEECVLQRNGLA
 QRMSHGKNSQLYLRVETSLKGRSFGTHSLIVSRTGWQVRVQVVVIS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001038635

ORF Size: 981 bp

OTI Disclaimer: 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_001038635.2](#), [NP_001033724.2](#)

RefSeq Size: 5454 bp

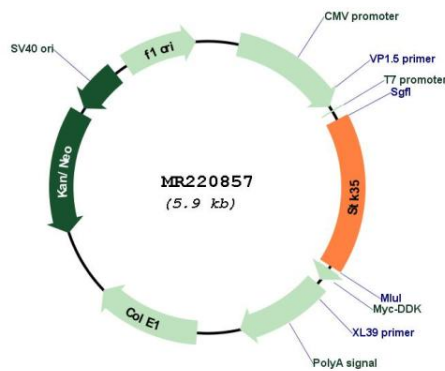
RefSeq ORF: 984 bp

Locus ID: 67333

Cytogenetics: 2 F1

MW: 36 kDa

Product images:



Circular map for MR220857