

Product datasheet for **MC204872**

Stk25 (NM_021537) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stk25 (NM_021537) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stk25
Synonyms:	1500019J11Rik; AU018434; C86992; Ste20-like; Ysk1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC071218
 GGGCTGCGGGACTCCTAGTCCCACAGAGCTTCGCGCTCGCCACGACGCCCTGCTCAGAGCCGCTGCCTCC
 ACCTCACGGGCTGGGAGGCCTGGGCGTTCCGGGAGACCGAATTGCGGTGTGAGCCGCCGTGGGGACTGCG
 AAGCGGGCCCGGAGTCCGGGATGGAGCCGCCCGGAGGTGCTTGAGGCGAGCGGGCGGAGCGGCTGCGACG
 GACTGGTCACGTACGCGGGGACATGGCTCACCTCCGGGGCTTCGCGCACCAGCATTCTCGTGTGGACCCA
 GAGGAACTCTTACCAAGCTTGACCGCATTGGCAAAGGCTCATTGGGGAGGTGTACAAGGGGATCGACA
 ACCACCAAGGAAGTGGTGGCCATCAAGATCATTGACTTGAAGAGGCCGAGGATGAAATTGAGGACAT
 CCAACAGGAGATCACTGTGCTCAGCCAATGTGACAGTCCCTATATACACCCGCTACTTCGGCTCCTACCTG
 AAGAGCACAAGCTGTGATTATCATGGAGTACCTGGGTGGTGGCTGCACTGGACTTGTGAAACCTG
 GTCCCCTGGAAGAGACCTATATTGCCACCATCTTGCAGGAGATCCTGAAAGGCCTGGATTATCTGCACTC
 AGAGCGCAAGATCCACCGAGATATCAAAGCTGCCAACGTGCTGCTCTCGGAGCAGGGTGTGTAAGCTG
 GCAGACTTCGGTGTGGCTGGGCAGCTCACAGACACACAAATCAAGAGGAACACATTTGTGGGTACACCTT
 TCTGGATGGCACCTGAGGTTATCAAGCAGTCGGCCTATGACTTCAAGGCTGACATCTGGTCCCTGGGCAT
 CACAGCCATTGAGCTGGCAAGGGGAGCCGCAAACCTGATCTCCACCCTATGCGAGTCTGTTCCTG
 ATTCCTCAAGAACAACCCACCCACATTGGAGGGCCACCACAGCAAACCTTCAAGGAGTTTGTAGAGGCCCT
 GCCTCAATAAAGGACCCAGATTCCGACCCACTGCCAAGGAGCTCCTGAAGCACAATTCATCACACGATA
 CACCAAGAAGACCTCCTTTCTCACTGAACCTTATTGACCGATATAAGCGCTGGAAGTCTGAGGGGCATGGA
 GAGGAGTCCAGTTCTGAGGATTCTGACATTGATGGCGAGGCTGAGGATGGGGAGCAGGGTCCCATCTGGA
 CGTTTCTCCAACCATCCGGCCAAGTCCACATAGCAAGCTGCACAAGGGAAGTCTGCTGCACAGCTCACA
 GAAGCCTGCAGAGCCTATCAAGAGACAGCAAGTCCCAGTGTGTCCACACTAGTCCGTCCTGTCTTT
 GGAGAGCTCAAAGAGAAGCACAAGCAGAGCGGTGGGAGCGTGGGTGCCCTGGAGGAGCTAGAGAATGCCT
 TCAGCCTGGCTGAGGAATCCTGTCTGGCATCTCAGACAAGCTGATGGTGCACCTGGTGGAGCGTGTGCA
 GAGGTTCTCACACAGCAGGAACCACTGACATCTACCCGCTGAACAACCAACTGAATGCCTACTCTTCA
 CAGAGAGGGAGAAGAATGCTGTTTGTGTTTGTGAGCTGTAAAAGGACTGACTTGAAGCCCTCTGTGTTGTG
 TTACAAGTGTAAAAGACTGACCAGCCTGTAGGCTTCAAGCCAGGTTACCTTCTTCTGCCCCACACAGC
 AGCCCCCTGACACCTGTGTTCACTCCTTGGTTGTCTGAAGCTATGCTAGGCACCTGGGAGCCCTTGAGA
 ACTGGGCAGCAACTTGGGAGGCTGGTATGACCTTCTATATAGACTCCTCAGTCCCTGCAGCAGGTAGACC
 AAGGAGCATAGTAACTATTGGGCAGCTTTGGCTCTTCGTCTACACCAGGGACATTGTCTTGAGGGCTCAT
 AGGGGCCCAAGATGGTCATAATTTGCCTTGTGGTGTGAGTTCAGTACTGTGTGTTTTCATGAGTACTCG
 AATCGTCCAGAATATTTGGGTTTTTTTTTTTTTTTTTTTTTTTAGGAAAATTGAACTTCTGAGTATTCTGAC
 ATTAAGTGTAGTTTTAATAGAGCATTGAAAGCCCTACCATTTCAATAAAGTCTGGATTGGAAAAAAA
 AA

Restriction Sites: RsrII-NotI

ACCN: NM_021537

Insert Size: 1281 bp

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:

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: [BC071218](#), [AAH71218](#)

RefSeq Size: 2147 bp

RefSeq ORF: 1281 bp

Locus ID: 59041

UniProt ID: [Q9Z2W1](#)

Cytogenetics: 1 47.25 cM

Gene Summary: Oxidant stress-activated serine/threonine kinase that may play a role in the response to environmental stress. Targets to the Golgi apparatus where it appears to regulate protein transport events, cell adhesion, and polarity complexes important for cell migration (By similarity).[UniProtKB/Swiss-Prot Function]