

Product datasheet for MC223212

Stk31 (NM_029916) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Stk31 (NM_029916) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Stk31
 Synonyms: C330007K24Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC223212 representing NM_029916
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTGGGGCCAGCGGCTCTTTGCTGGGACGGCTGTGGCGCAAAGTGAAGTTTTCCAGGACTTGTCCAAA
 TGGATGAAGATACACATTACAATAAAGTTGAAGATGTTGTTGGAAGTCATGTAGAAGATGCAGTAACATT
 TTGGGCCAGAATGTCAGTAAAAATAAGGATATTATGAAGATTGGTTGTTCACTCTCAGAAGTTTGTCTCT
 CTTGCTAATTCAGTTTTTGGCAATCTTGATCCTAAGAAGATTTATGGTGGATTGTTTTCTGAAGATAAGT
 GCTGGTACAGATGCAAAGTGCTAAAAACTATCAGCGATGATAAGTGCCTGGTGGTACATTGACTATGG
 AAATACTGAAATCTAAACCGATCTGATATAGTAGAAATTCCTCCGGAGCTACAATTTTCTAGTATTGCC
 AAGAAGTATAGACTTTGGGGACTACAGATTCCTTCTGGCCAAGAAGTTACCCAGTTTGTACAGGGTAGAA
 CATTTTTGGGGAGTTTGATTTTTGAAAAAGAAATTAATGAGAAATAAAGCAACATATCAAGATGGAAC
 AGTTATTGCTCAGGCTGAGTATGGCACTGTGATATAGGGGAAGAAGTGGCAAAGAAAGGATTTGCAGAA
 AAGTGCAGACTGACCTCAGGCATTGATGCCTGTGAGGCAAGAAACCTGATCCTAATCAGTTGCTCTCA
 GGAGTCTCAAGAACCCTATCCCCCTGTGGGGCGCAGATCAAACCAGTCAACCTTCAGCAGGCCAAAGGG
 GCATTTTAACGGGAGGCTGACTCTTGATGTGAAGTATGAGACCAGTGCAGGCAATCACGTGACATTTCCA
 AAGGAAAGTTTGCTGCTGGTACTTTAATTTAGGGTCTAATGTGAGCTTGGCAAAAATTAACAGGACC
 AGAAACTTATTGAAGAGAATGAAAAGCTTAAAACAGAGAAAGAGTTCTTCTAGAAAATTAACAAGCATT
 AGAATTAAGAGTTGAGCAGACTGCCAGGAGCTGCAGCAAGAGAAAACAGCTACCATGGATCTGACTAAG
 CATTTAGAAAGCACTCTGAAGACGTGTGATGGAACAGGCTGAAGAAATTTGCAGCTAAAGTAGAAGTAT
 TGAAAGAAATTAGGCATATTAACATCAGTATTCGCTTTGGAAATGACCTTTCAGATGCTATGCAAGTGT
 GGATGAAGGGTCTTTACTACTCTAGCATCTTTGAATGAGTTAGAGAAAATTTGGGCTGAATATAATGTT
 GCTCAGGAGAAGATCCAACTTGTCTTAATGAGAAATGAAGTAATATTTTATTGCTGAAAGAAATGAAG
 TACAACAGAAGCTGTTCTGGTGTAGATGTTTTTATTCTGGAAGTAGATGACTTACCCTTGATAAACG
 CTTAAAAACATTGCAGGACTTAGCAACTCTTTAGAATCAGTGTATGGAAGGCCAAAGAAGGAAGTAAAT
 AACTCTGAAGAAACACTTAGAAAGTTTTATGACTGGCAGTGTACCAAAAGAGAAGAGTTCGCCAGTATTA



[View online >](#)

```

GGAGTGAACAGAGGCATCTCTGCAGCACCTTGTGGCATGGTTCAGAGCAGCCAGAAGGTTTTGATCT
GTCCTTGGATGAACCATTGACTTCAGAAGACCTGATTGGTAATATTGATGAAATCTAGAGAAGACTGAG
TCATGTGTCTGCAAAGAGCTAGAGCTGTCTCATTGAGCAAGGTGCATAGACAAGGAGATTATTTAA
GTACATACAGTCAAGTCTGCAAAGATCCATTCTGAGGAAAAGTTCATTGCCACCTTGCTGTCCAAGTA
TAAGGACAGTGTGAGTTAAAAAGCAGATGATTGACTGTTTAAATAAGAACCCCAATGTGGATTACTTG
CTTTCTATTAAGAAGACATTGAAAGGCTTAAAAGCACAACTGAGATGAAATTGGTTGAGAAGAGTAATT
TGAAGAATCTGATGACCATGATGGAAGTGAATGAGAAAATAAGCAAGAAATAACTCAATTGCGAAA
TAGTGTTTTCCAGGAAATTTATCATGAGAGGGAGGAATAGAGAAGCTGAATAGCTTGACCCAGAAATGG
TTCCCTGAGCTGCCTCTGCTGTATCCTGAAATAGGATTGCTTAAATATATGAATTCTGGTGGTCTTCTTA
CTATGAGCTTAGAGCGGGACCTTCTTGACACTGAGCCATGAAGGAACTTAGCAGCAAGCGTCTCTGGT
GTGCTCCGAGGTTAATGGGCAGCCAGTTCTCTTAAAGGGCTATTCGGTGGATGTTGACACAGAAGGCAGG
GTGATTACAGAGCAGCCTTACCATAGAGCTTGTTGATATGCTAAAGAAGAGTCTGGTTACTGCCAT
TAATATTCTGTTTTGTGAAGTCTGATCCTGTTGCCTATCTGATGGTCCCATATTATCCTAAGGCAA
CCTGAGTGCAGTCAAGCCAGTATGCCTTAACTCAGAAGAAGCTTTAAAAGTCATGAAAGGTGTTGCC
CGAGGACTGCATACATTGCATAGTGCTAACATAATTCATGGATCACTTCATCAGAACAAATGATTTGCC
TAAATCGTGAACAAGGGATTGTTGGAGATTATGACTTCACCAAATCTGAGAGCCAGCGAGCTTCAGTCAA
CGCGATGGTTGGTGGATTGAGTTGCTCTCACCTGAATTGAAAACCTGAAAACCTCCTTCTGCAAGTTCA
GACTTATATGCTTATGGTTGCCTTTTCTTATGGCTTTCTGTTCAAATCAAGAGTTTGAGACAAATGAAG
ATGGAATCCAAAAGTAGATCAGTTTCATTTGGATGATAATGTCAAGTCCCTCCTTTGTAGCTTGATATA
TTTTAGAAGTTCAATGACTGCTGAGCAGTTTTGAATGCTGAATGTTTCTTGCTTCCAAAGGGGAAATCA
GTTCCAATCCCAGAAAAGAGATTGAATGTACTCAGCATAGCAGAGAAGATGAATCAAAGATGGAGAGTC
TGGATAGATATAGTAAAAGACAAGAAATGGTGAAGCCAACCTTGA

```

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_029916

Insert Size:

3057 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:

[NM_029916.2](#), [NP_084192.2](#)

RefSeq Size:

3238 bp

RefSeq ORF:

3057 bp

Locus ID: 77485
UniProt ID: [Q99MW1](#)
Cytogenetics: 6 B2.3