

Product datasheet for MC224107

Stil (NM_009185) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Stil
Synonyms:	Sil
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224107 representing NM_009185 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGAATACCAGGTTTCCTTCAAGCAAGATGGTACCTTTCCATTTTCCCCCATCAAAATTGGCACTTTGGA
ACCCAATGCCAATTGGAGAGTGCATCTACTTGCATCTCAGTTACTACAGAAAGCCAAAGCTTATGGTAAC
TGAAAAGGCCATCCGACTTGCTTATCGTCATGCTAAGCAGAATAAAAAAATGTGCCATGCTTCTTACTT
GGTCTCTCACAGTGGATGAAGATGAAGAAGGTGTGACATTGACCATAGATCGCTTTGATCCTGGTCGAG
AAATACCTGAATGCTTAGAAAGAACTCCTACTGCTTCTCTTCTGGAGATTTTTGATTCCCTGCAGAGT
TCATATTCAAGGACTTGGTTCAAGGGATGTGATAGTTCATAATGCAGATGACTTCAGTTCAGCTTTAAAG
GCTTTACAATACCATGTGTGTAGCAAAGATTTCTTGGACTGTGAAAGTTGCTTTGCCTACGAGCCCAA
TCACCCCGAGGAGAGTTTAGATGGTGTGGATTTAACTTGCAATGGACAGCAGTAAGTCTAGCAAATTC
CTTCAAGTGTGTGCTGTGAAGCCTATCCCATATCCCTACAGCACTTGCAAGAAACCTAAGTAGTAAT
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ACATGTCTATAGCCCTCAGGTATGGGCTTGCTGCTTGAGATACATGTTTCAAGTTCCTTCCATTAGGAAAGG
GTTTTTTCAGAAATCTGGAATTTTCATCATAGTCTTTTATTCATTGACACATAAGGAGCCTGAGTTTTATG
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TCTTTTCAATAACGTTGAACCTTCTGGCAAAACCAATCCATTTTGAAGTCAAGTCCGAGAGTCAAGAT
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GATTCCTAGTCTCACCAGTGAAGTCAAGATTTCTAAGGTCCAGCCATCTGTTCTGAACTTTTCGCTC
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GCCTTTCCGGAGGGGCCCAACAAATCAGTTAAGTCAGGACACTGCTTTAAGACAGAGCAGAGGGAAGCAG
TCATCTACCTGTAAGAAAGAGAGTCTCCAGTTCAGGAACACTAATGCTAAACCTCTCTCAGTGTGCCAT



CTCCTGATGTAGCTGAGAACTTCAAGCAGTTTCTGCTGGGAGCATGCAAAAGGAAGACTACCCTGTGAG
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ACTCATAATTCAACAAGACCAATGGAGCTTCAAGTGCCACTCCTTATTACCATCCTACTATCCACAA
ACGTCTGCAGCTGTTGTAGCATCATGGCCATATTCAGTATAGTACAATAAATCTTGGCAGGGAAATAC
AGTAGGGTCTATTCAAGACCTGCGATCTGAGTCCCTTCCAAAACATGCCTTCTTTCACTCAAGTGGATGC
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CCTATTCTCCCATAGCAATGGAGAACCGTCTCCTGTGGCAGGACCTTACATGTGGACTCGTGTGTGCC
ACATCCCTGTGCCATGTGCATGCACATGCCAATACAGCACCAGACAATGGCATGATGGGACTGTCTCCT
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AAAACAATGGAGCTGGTTTCCATGGAAGCAGTCTTCGCTGGCTTGACATGAGAAAAAGTGAAGC
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CGAAGCAAGATGATACCAAGATTTCCAGTGAAGACATGAATTTTTCTGTAGATATTAATAATGAAGCGAC
AAGTCTTCTGGTAGTGCATCTTCTTAAAGCAGTTGACATTCTAGTTTTGAAGAAAGCAACCTTGCT
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CTGTGTTCTTCCCAATGCATTGCTGGCTGAAAGTGTGAGCATGTGCTTACAGACTGCGCCAACAGAGGG
AGCCAGTAACAGCACTGAATTACCACAGGGAACAAAAGATGAGCCTTACCGGCCATCAGATAACAGAAA
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CTACCAAGCGGTAGTTACCAACCGTGAATGCGCCAAGACCCAAATACTCACCATGCAAGGAAAAAAG
ACACAATTCAGGACTGGTAGACAAAGATTGTACTCAGTGCAACTATTAACAGCTAAGGAGCCTAGGA
GTGAAAATCGACTCTCCCACTAAAGTGAAGAAAAATGAACAGAAAGTGATCATGCCAGTGTGTTGGCCT
GCATCAGCCCGAAGCAGTGATCTCTGGATTAACTACATGTCGTTTGGTAATGTTGGCATGAGCAGCCT
AAGTCCCACTGGTGTGGATCTGAGCATGGAGGCAATGCCATTGCTCTGAAGTACTTAAGTGAAGAACAG
CTGTCACAACTGTCTCTTGTCTGGTCAAAGCAGAATAACGGTGACTCCTGTGCGGCTTCTACATATTA
ATTCAGACAGGAGTACAGTGGGGCTTAGCTTAGTTTACCAAGCAACATGTCTTTGCAACCAAAAAATA
CATGAAGAGGTATGGACTCTTACAAGCAGTGACAATAGTGAGGATGAAGAGGAGCCTCCAGCCACGCA
GATAGTGAGAGCGACCATGTGTTGAACAGAAACCCAGCATGCAGACCTGTGCAATGTGGTCATGAGAAAG
AGCCTTCTTGGAAATGCCTGTGAAATAGCTCAGTGCTCTGACTGTGGCTCTGCGGACACACGCACAGATGT
GCCAGTACTGAGAAATATCACAATCAAGCTGTGCAGCCTAGAGCAACAGAGCACTTGAATGAAGACTCT
GCTATTTCTTAAGGAATCTTAAGCCAAACCCGGCAATGAACCTCCGAAGTGAAGAGCAGAGTTTACTC
ATCATCCCGAGAAGGAAAATGAAAGAGACATTGCAGTTTTTCCCGAACCTTGCCATCTCTGAGACTTT
AAAACAATGAATAGCATGGATTCTGTGGGCACCTTCTTAGACGTAAAGCGTCTCAGACAGTTACCTAAG
TTATTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_009185

Insert Size:

3789 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_009185.3, NP_033211.2</u>
RefSeq Size:	5333 bp
RefSeq ORF:	3789 bp
Locus ID:	20460
UniProt ID:	<u>Q60988</u>
Cytogenetics:	4 D1
Gene Summary:	This gene encodes a centrosomal protein ubiquitously expressed in proliferating cells and during early embryonic development. Mice lacking the encoded protein die in utero with marked growth retardation, defects in the developing neural fold and randomization of left-right asymmetry. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2015] Transcript Variant: This variant (1) encodes the longest isoform (1).