

Product datasheet for MC223286

Kansl1 (NM_001081045) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kansl1 (NM_001081045) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kansl1
Synonyms:	1700081L11Rik; 9430041J06Rik; mKIAA1267
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223286 representing NM_001081045 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGCGATGGCGCCCGCTCTCACTGACGCAGCAGCTGAAGCACACCACATCCGGTTCAAACTGGCTC
CCCCATCTCCACCTTGCCCTGGCAGTGCCGAAAATAACGGCAACGCCAATATTCTTATTTCTGCCAA
CGGAACCAAAAAGAAAAGCCATTGCTGCGGAGGATCCCAGTCTAGACTTCCGCAATAATCCTACTAAGGAA
GACTTGGGAAAGCTGCAGCCATTGGTGGCATCTTATCTCTGCTCTGATGTAACATCTGTTCCCGCAAAG
AGTCTTTGAAATTGCAAGGCGTTTTTCAGCAAGCAGACAGTCTTAAGTCTCATCCTTTTTATCTCAGTC
CTATGAACTCCGAGCTGAGCTGCTGGGGAGGCAGCCAGTTTTGGAGTTTTCTTAGAAAACCTTAGAACC
ATGAATACAAGTGGTCAGACAGCTCTGCCACAAGCGCCTGTAATGGATTGGCTAAGAAATTGACTAAAA
GTTCAACACATTCGGATCATGACAATCCAGTTCCTCAATGGGGGAAAACGGTCTCTCACTTCGTCATC
TCTACAAGGTGGTGAGGTGGGGGACCTGACTCTGGGAACCTGAAGGGGGGTATGACCAATTGCACTCTT
CCACATAGAAGCCTTGATATAACAACACAACCTCTATATAGCAATAATAGCACTGCAACAAATCTTCTG
TTAATTCATGGACCAGCCGCACTTCAAGGAAGCAGCAGGTTATCACCTAGTACAGACTCCAGCTCTAA
CTTGACAAATGTGAAGTTAGAAGTCAAAAAGTCTCCTCTGTCTTCCATTCTTTTCAGTGCTTTAGACTCT
GATACAAGGATAACAGCTTTACTGAGGCGCAGGCTGATATTGAGATCCGTGCCGAAGGTTACAGAAGC
GATTACAGGTTGTGCAAGCCAAGCAGGTGGAGAGACATTTACAGCACCAACTGGGTGGATTTTGGAGAC
GACATTGAGTAAACTGCCAACTTGAATCCTTAAGGTCCCGAGGCCAGTTGATGTTGACCCGAAAAGGCT
GAAGCTGCCTTGAGAAAAGCTGCCAGTGAAGTCTGCCACTTCAGAGGGACTTAGCAACTTTTTGAAAAGTG
ATTCAATTTCAGAAGAATTGGAGAGATTTACAGCTAGTGGCATAGCCAACCTGAGGTGCAGTGAGCAAGC
GTTTGATTCGGATGTCACAGACAGTAGTCCGGAGGGGAGTCTGACATTGAAGAGGAAGAAGTACTCGA
GCTGATCCTGAGCAATGCCATGTCCCTGAAACGTAGGTCTGAATGGAGATGGGCTGCAGACCCGAGCAG
CTATTGTCAGCCGCTGGAACCTGGCTTCAGGCCATGTTTCTGACTTGAATATCGAATTCGTCAGCAAAC
AGATATTTACAAACAGATACGTGCTAATAAGGGTTGATAGTCTTGGGAGGCACCTTTCCAGATCAT



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ACAACAGACTTACTTTCACTTAGTTCTGAGGTGAAGACAGATCATGGGAGAGATAAATTGATTGAGTCTG
 TTTCTCAGCCATCAGAAAACCATGGTATCCTTGTAGTAATATTACAGAGTCATTGTCTACCAAATCATG
 TGGAGCACCGGACCTGTCAATGGAGTTGTTAACAGTCTTCAGCCTGTCTGGCAGACCAAGTCCAGGT
 GACAGCTCTGATGCTGAGGAACAATTACATAAAAAAGCAAAGGCTGAATTTAGTTTCTTATCTGATGGCA
 CGTGTGTCGCAGCCGAACCCGGCCTGTACTGACCTGTAAGAAACGGAGGCTTGTAGGCCAGCAGCAT
 CGTTCCTCTTTCTAAGAAGGTTACCCTAATGTCCGCTCTGGCTGTGATGTAATCCCTCTTGTGCACTG
 TGTGGTTCAGGCAGTGTGAACACCATGCCTCTGAAATACACTATGAAGCACCTCTTTAGAGCGTCTTT
 CCCAGTTGGACTCCTGCGTTCACCCTGTGCTAGCATTTCAGATGATGTTCCACACAGCCTGCACCTCCA
 GAGCATGTGAAGTCTCAGTGGCAAAAACAGCCTTTTGACAAGATCAAACCTACCAAAAAGTTTTCTCTT
 AAGCACAGAGCGACCATGCCATGCAGTCTGTCAGATCCAGTTCGTAAAGACAGACACAAGTTGGTCAACT
 CCTTCCTTACAACAGCCATGTTGAAGCATCACACAGACATGAGCAGTCCGAGCTACTTGACAGCTACCCA
 CCATCCACCCACAGCCCTGGTGAGACAGCTCTCCACCTCATCAGACACCTCCACACCCACCAGCTCG
 GGCTCACAAGTTGCAGCCAGCACATCTCAGCCAGTGAGGAGGAGAAGGGGAGAGAGCTCATTGATTA
 ACAACATTGTATCCCAATGTCTGTTGCTGCAACAACCTCGTGTGAGAACTACAATACAAAGAAATCCT
 TACTCCAAGTGGCGAGAGGTTGATGTTAGTCTCTGAAGGGAGTCTGATGAAGAGAATGAGGAGATC
 GAGGACCTATCTGATGCAGCCTTTGCGGCCCTGCATGCCAAATGTGAGGAGATGGAAGGGCAAGGTGGC
 TGTGGACCACAAGTGTGCCACCCAGCGTGGGGCAGCAGGTCTTACAGTTCATCAGACGCCGGACCCAC
 CCCTCAGTTGGGAGTGGCAACCCCTCCACCCACAGCCTGCGTCCCCTGATGTCAGTAGTACCACTCT
 CTGTGAGAATTCTCCATGGTCAATCTCCTAGGAGTCCCATTAGCCAGAACTACACTCAGCCCCTCTCA
 CCCCTGTGGCTCGGGACAGTCTGCGACACCTGGCCAGTGAAGACACCCGATGTTCCACACCAGAGCTGGG
 ACTAGATGAACAGTCAGTCCAGCCATGGGAACGACGGACCTTCCCTCTGGCCTACAGTCCCAGGCAGAA
 TGTGAGGAGCAGCTGGATGCACAGGACACGGCAGCCCGCTGCACTCGCCGCACCTCAGGCAGCAAGACTG
 GCCGGGAGGCAGAGGTGGCACCCACCTCGCTCTGTTGTCCCGCTCAAGAGTCGGCATCTGGCAGCAAC
 AGTCACAGCTCAGCGCCAGCTCACAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3236_d04.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001081045

Insert Size: 3111 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_001081045.1](#), [NP_001074514.1](#)

RefSeq Size: 5510 bp

RefSeq ORF: 3111 bp

Locus ID: 76719

UniProt ID: [Q80TG1](#)

Cytogenetics: 11 E1

Gene Summary: As part of the NSL complex it is involved in acetylation of nucleosomal histone H4 on several lysine residues and therefore may be involved in the regulation of transcription.
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. COMPLETENESS: complete on the 3' end.