

Product datasheet for **MC222347**

Kansl3 (NM_172652) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kansl3 (NM_172652) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kansl3
Synonyms:	4632411B12Rik; 4932435K23; AI431067; AI647574; C85723; Kiaa1310; mKIAA1310
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222347 representing NM_172652
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACCGGGTGGGAGAGGGACTCCAGACTTCAGCTCGCGGATGGGTACCTCCCTGCTCTTCC
 AGCTTTCAGTGATGAGCGGAACTGGACTCGTTTTCTGGATCATAGCTATGCAAAACCGTGGAGTGC
 CCACCCAGATGCCAGTAGTCCCCGCCACCCGCATGCTCTTTGTAACCCCCGTCGCGCAGCAGGAGAAT
 ACTATTGAGTCAGACGTTCCAATAGATGTGGAGACGGTACCGCAACTCCTGTTCCACTTTATGACAATC
 AGAAGGCAAGAAGTGTGATGAACGAGTGTGAACGGCACGTGATCTTCGCCAGGACAGATGCAGATGCTCC
 TCCTCCGCCAGAAGACTGGGAAGAACATGTCAACAGGACTGGCTGGACAGTGGCTCAGAATAAGCTATTT
 AACAGATCCTCAAAGCCCTGCAGTCTGACCGCTTGCACGATTGGCCAATGAAGGGCTTGAATGAGC
 CTGTGCTCGCTCGCTGGCTGTGGACAAGTGTGAAGGAGGGTGGCGCAGGCGCTGGCAAGTGCAGCTG
 GGACACCAAGCTGACCCAGTGGCTGCACACCACCTCGTGGAGACCCTGAGCCTGCCATGCTGGCTGCT
 TACTTGGATGCCCTGCAGACACTGAAAGGGAAGATCCCAACTTTGATAGATCGGATGCTTGTGCTGCTCCA
 ACACAAAACCTGGGGCTGCAGGAGCGGAGGCCCTTGTCCCTTCTCCTCAAGAGGCCCTGGGACCCTGCTGT
 TGGTGTGCTTTCACATAACAAACCAAGCAAGCTCCCTGTTTCTCCTTTGATTCTCATCGTCTCCTGCTGGT
 CCCTCCAGCTCTGTGTTCCCTGCCTCACGCCGCCACCGCTTCTGGCAGTCTCAGCTCTCCTGCTTAGGCA
 AGGTATCCCTGTAGCGACCCATCTACTGAACAATGGCAGTGGGTAGGAGTCTGCAGTGCCTCGAACA
 CATGATTGGGGCCGTGAGAAGCAAAGTGTAGAGATTCACAGCCATTTCCACACAAACCCATCATCCTG
 ATTTGGATGGAATACGGGAGCTTTGGTGGCTGTATGTCTGTGATGGAGTACGTCACTGCTGTGTGCT
 GCCTTGGGTTTCCCTCTGCTTACTGTGGATGGACCCAGGGGGATGTGGACGATCCCTCCTGGACATGAA
 GACTCCAGTCTCTTCGTCATTGGTCAGAACTCTACAGTGTACCCTGAAGCCATGGAGGACTTCGGG
 GAAAAGATTTCGAGCAGAAAATAGCTTGGTGGTGGTTGGGGAGCTGATGATAATCTCAGAATAAGCAAAG
 CAAAGAAGAAATCAGAGGGCCTGACTCAGAGCATGGTGGACAGATGATTTCAGGATGAGATTGTAGACTT
 CCTGACTGGAGTCTCACTCGTGTGAGGGTCACTGGGCTCTGAGCCTCGGGATCAGGATGCTGAGAAG
 AAGAAGAAACCCCGGACTTGACCCGAAGAGACCTGGCCTTTGAAATTCCTGAGCGAGGCAGTCTGCTG
 CTTCCCCAGCTGCCAGGCTCCCCACATCCCTCAGGCTCAGAGGATCTCCTCAGTGTGCCAGCAGCCC
 CACCTCTAGCCCTAAGACCAAAGTGACCACAGTACCTCTACCCAGAAATCAAGTCAGATTGGGACCTCC
 CAGCTGCTGAAAAGACATGTGCAGAGGACAGAAGCTGTGCTGACCCACAGACAAGCCCAAGTCCCATT
 CATCAGAATCAGTGGAGGACATAGAGAAAGAAGAGCTTCGGGTCCAGCTTAAGAGGCACCATTCTCCAG
 TCCTCTTCTGGAGCAAAGCCTTCCAAGCGACCAAAGATCAAAGTGTCCCTGATCTCCAAAGGGGACACA
 GTTGGAGGACCTTGCCTCTTCTCAAGGTGGAACACCTGAAGCTGCCGGAGGGAAGCCCATCACCATGA
 CCCTGGGAGCTTCAGCAGGAGCCAAGGAACTCACTGGACTTCTCACTACAGCCAAGTCAAGTCTTCTGA
 AGGTGGAGGTACAGCCAGCACAACCCATCTGTGGCTTCAGCAGTGCCACACCTAATGCTATCCACAGC
 CTGCAGAGCCGCTTGGTGGCCACTTCTCCAGGCAGCTCCCTTCCAGGGACCGCTTCAGCCAGCAGCTCC
 TCCAGGGCCTCAGCTTACAGTACAGGATATTAGCAGCAAGACCTCTGGCCTCCAGGAAGTCCCTCCCC
 AGGGCCAGCCCCACAGGCCACCAGTGTGAAATTGCCAACCCCATGCAGAGTCTGGGTGCCATCACCACA
 GGCACGACACCAATTGTCCGTACCATCCCTGTGGCCACCACTCTCTCCTTGGGTGCCACTCCTGGTG
 GGAAGCCCACTGCCATCCACCAGCTGCTGACCAATGGGAGCCTCGCTAAGTTGGCAAGCAGCCTACCTGG
 CTTGGCTCAGATTTCCAACCAAGCATCAGGCTTAAAGGTCCCAACCACTTACTCTGACGCTGCGTGGC
 CAGCCAAGCAGAATTACCACGCTAAGCCCTATGGGGTCAGGGGCAACGCCGTCCGAGGAGCCCAACTCCC
 AGATGCTACCATCTAGTTCACAGCGCTGCCTCCAGCACCT**TGA**

ACGGCTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_172652

Insert Size:	2634 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:	<ol style="list-style-type: none"> 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:	<u>NM_172652.3</u> , <u>NP_766240.1</u>
RefSeq Size:	4663 bp
RefSeq ORF:	2634 bp
Locus ID:	226976
UniProt ID:	<u>A2RSY1</u>
Cytogenetics:	1 B
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p> <p>Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>