

Product datasheet for MC227225

Kansl2 (NM_001289438) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Kansl2 (NM_001289438) Mouse Untagged Clone
Tag: Tag Free
Symbol: Kansl2
Synonyms: 2310037124Rik; B930009D17
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227225 representing NM_001289438
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTGCTCTCCCTTCCTTGCCCTCAGATGAAGACAGCTGGAGTGATGGGGACCAGGAACCCATCACTG
 TGGATCAGACATGGAGAGGTGACCCTGACAGTGAAGCCGATAGCATAGACAGTGATCAAGAAGATCCCT
 GAAACATGCTGGTGTCTATACAGCTGAAGAAGTGGCTCTTATTATGAGAGAAAAGCTAATTCGTTTGCAG
 TCTTTGTACATTGATCAGTTTAAAAGACTCCAACACCTGCTCAAAGAGAAGAAGCGCCGCTATTTACACA
 ACCGAAAAGTGGAGCACGAGGCTTTAGGTAGTAGTCTCCTGACTGGCCCTGAGGGACTTTTGCCAAAGA
 GAGAGAGAATTTAAAGCGACTAAAATGTCTTAGGCGATACCGTCAACGCTATGGAGTAGAAGCCTTACTA
 CACAGGCAGCTGAAGGAACGCAGAAATGCTGGCCACCGATGGGGCTGCTCAACAGGCTCACACCACTCGTT
 CCAGTCAGAGGTGCTTAGCCTTTGTGGATGATGTGCGCTGCTCCAATCAGTCTCTCCCAATGACCAGACA
 CTGCCTTACCCATATCTGTCAGGATACAAATCAGGTTCTCTTCAAATGCTGCCAGGGATCTGAAGAGGTC
 CCCTGCAACAAACCAGTTCCTGTAAGCCTTTCTGAGGATCCCTGCTGCCCTCTGCATTTCCAGTTGCCTC
 CTAGATGTATAAGCCCAGCAGGTACTGTCTGTGCCAGACGATCTGGAAGCCGGCCCCATGGATGTGTA
 CTTGAGTGCTGCCGAGCTTCAGCCCACTGAGAGTTTACCACTGGAGTTTCACTGATGACTTGGATGTTGTG
 GGTGATGGCATGCCATGCCCGCCGTCGCCATTGCTCTTTGATCCTTCGCTAACTCTGAAGATCATTGAG
 TCACAGAAAGTGCCGGAGACGCAGGACAGATGCAGGCGGCTGGGGATGGGTGCAGATCCCAGGGAGCTCG
 AAGTGTAGAGAAAGCAGCATTCCCTCAGCGTGGATTGGCTACTGCGAATGGAAAACCAGAACCCACTTCT
 ATCAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001289438



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Insert Size:	1059 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001289438.1, NP_001276367.1</u>
RefSeq Size:	3709 bp
RefSeq ORF:	1059 bp
Locus ID:	69612
UniProt ID:	<u>Q8BQR4</u>
Cytogenetics:	15 F1
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 (3) uses an alternate splice junction at the 5' end of a coding exon compared to variant 1. The resulting isoform (c) has a shorter and distinct N-terminus compared to isoform a.</p>