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Product datasheet for MC226830

Kansl2 (NM_001289439) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kansl2 (NM_001289439) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kansl2
Synonyms:	2310037I24Rik; B930009D17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC226830 representing NM_001289439
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGAGAAAAGCTAATTCGTTTGCAGTCTTTGTACATTGATCAGTTTAAAAGACTCCAACACCTGCTCA
AAGAGAAGAAGCGCCGCTATTTACACAACCGGAAAGTGGAGCACGAGGCTTTAGGTAGTAGTCTCCTGAC
TGGCCCTGAGGGACTTTTGGCCAAAGAGAGAGAGAATTTAAAGCGACTAAAATGTCTTAGGCGATACCGT
CAACGCTATGGAGTAGAAGCCTTACTACACAGGCAGCTGAAGGAACGCAGAATGCTGGCCACCGATGGGG
CTGCTCAACAGGCTCACACCACTCGTTCCAGTCAGAGGTGCTTAGCCTTTGTGGATGATGTGCGCTGCTC
CAATCAGTCTCTCCCAATGACCAGACACTGCCTTACCCATATCTGTCAGGATACAAATCAGGTTCTCTTC
AAATGCTGCCAGGGATCTGAAGAGGTCCCCTGCAACAAACCAGTTCCTGTAAGCCTTTCTGAGGATCCCT
GCTGCCCTCTGCATTTCCAGTTGCCTCCTCAGATGTATAAGCCCGAGCAGGTACTGTCTGTGCCAGACGA
TCTGGAAGCCGGCCCCATGGATCTGTACTTGAGTGCTGCCGAGCTTCAGCCCACTGAGAGTTTACCACTG
GAGTTCAGTGATGACTTGGATGTTGTGGGTGATGGCATGCCATGCCCGCCGTCGCCATTGCTCTTTGATC
CTTCGCTAACTCTTGAAGATCATTCAGTCACAGAAAGTGCCGGAGACGCAGGACAGATGCAGGCGGCTGG
GGATGGGTGCAGATCCCAGGGAGCTCGAAGTGTAGAGAAAGCAGCATTCCCTCAGCGTGGATTGGCTACT
GCGAATGGAAAACCAGAACCCACTTCTATCAGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001289439
Insert Size:	876 bp

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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:	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_001289439.1, NP_001276368.1
RefSeq Size:	3502 bp
RefSeq ORF:	876 bp
Locus ID:	69612
UniProt ID:	Q8BQR4
Cytogenetics:	15 F1
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 (4) lacks an alternate exon compared to variant 1. The resulting isoform (d) is shorter at the N-terminus compared to isoform a. Variants 4 and 5 both encode the same isoform (d).

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