

Product datasheet for **MC222835**

KansIII (NM_001122738) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	KansIII
Synonyms:	1110028C15Rik; 1190030G24; A1427598; C430010P07Rik; mKIAA4189
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC222835 representing NM_001122738
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACCCAGCTCTGAAGGAGGCAACAACAAGGGTATCTGCTTTTCATCTTTGCCAAATACCATGGAAT
 CTGACAAGATGCTGTCATGGAAGTCCGAGAACTGTAGATGAAAAGCTTAAGGGAGGAGACACTTTCTC
 TCAGATGCTGGGATTTCCGACTCCTGAACCTACTCTAAATACTAATTTTGTGAATTTAAACATTTTGCC
 TCCCTCAGGCTTCAAAACATTTTCAGACAGTTCTTTTAATGAGTTCTAATTCACACTAAATAAGTATA
 ATGAGAATTATAACCAAAAGAAAGTAAATGGAGTCCAAGTGCAGTAACTGAAAAATGTACTGTGCAATGG
 CAGCAGCATTGAGCTCAGTAAGATCTGCCCTTCTCACTCCGAAAACGAGTTCATCAAAAAGGAACTCTCG
 GATACCACAAGCCAGTGCATGAAAGATATACAAATCGTTCTGGATTCAAATCTCACCAGAGACGCTAATG
 TAGACAGACTACATCTGCAAACTGTAAATGGTACCAAAAGAAATGCACCTTTGGATAAATCACTGATAC
 TAAGATTAAAAAGGGTTTATTGCAATGTACTCAAAAGAAAATGGACCTAGCCACTCAGATGTGCCTACT
 AGTTCCTCAGCTGCTGAAAAAGAGCAGGAAGTGAATGCTCGTTTACTTCATTGTGTGAGTAAACAGAAAA
 TTTTACTTAGCCAGGCTAGAAGAACTCAGAAACACTTGCAGATGCTCCTGGCAAAGCATGTTGTTAAGCA
 CTATGGTCAACAGATGAAATTTTCTATGAAACATCAGCTGCCACAAATGAAGATCTTTCATGAACCCACA
 ACAGTTCTGAGTAATAGTTTACTTGAACACACTGAAATTAAGCCAGAAGTCAACATATTGGCTTCAGAGA
 ATAAGTTTTTGGGATGATACAAACAATGGCTTTTCTCAGTGTACAGCTGCAGAAATCCAAAGATTTGCACT
 GTCTGTACAGGGCTGTTGTCTCATGTTGAAGAGGGTCTGGACTCTGACGCCACCGATAGCAGCTCAGAT
 GACGAGTTGGATGAATATACCATTAGAAAAATGTGGCAGTCAACTCTAGTACTGAATGGAAGTGGCTTG
 TAGACAGAGCACAAGTTGGCAGCCGATGGACTTGGCTTCAAGCTCAGATTTAGAGCTGGAATACAAAT
 CCAGCAGCTAACAGATATCCACAGGCAGATTCTGTCCTCTAAGGTTCCCGAGAGGAGTGAAGAGCCTTTA
 CCAGAACACGATTTTGAGATGTCACCAAGCAGCCCTACACTACTTCTTCGAAACATAGAGAAACAGAGTG
 CACAGTTGACTGAGATCATTACAGTTTGATTGCCCTCTCAACTTGTCTCCAACCTTCATCACCCCTCTC
 TTCAAATCCTGTAGCCACAAATGTCTGGCTAATGGCATTTCAGAAAGTCTTCAGAGAAATTTAGATGAG
 CTCTCTTCCCTCAGTAGCTGGTTACTTAATCAGAAGCACAGTAAGAAAAAGGAGAAAAAGACAGGACAAGAT
 TGAAATCTCCATCCTTGCTATCATGAGTACAGCTGCGCAACAAGGCCCTTCAAAGTTTCCATAAGAG
 AAAACTCTACAGATTGAGTCCACTTTTTACTGGACTCCCGAGACTTTACCTTCAAAAGAAGCATTTTTA
 AGTAGCACACAGAGCCTTACACGGGATCACCGTTTCTGTTGGGACAAGTGGGAACAGAGTTCAGGTTCTC
 ACCTGTAAAGAGAACAGGTTTCCAACTCGATTCTCTCTCCATCTGTTTTGTCATTGCCATCAGAAAT
 TCCCTTCTATCTTCTTTGAGACCTATTCAAGAAGACCGACATGAAAGGAGAGCTTGCTGAAATCAA
 TTTGTAGGTGACTGTCTCATATCACCGCCACCTGTACAAGGTACTTCTCTCTGAATCAGTGGAGAAATG
 GATATTCACCTATATGTAAGCCTCAAATAAGGTCAACCATCTGTACAACTATTACAGGAAGAAAAAA
 AAGACATTTAAGTGAACAGCATTAGCAGGAGAAAGAACTAGATTTGAAGAAATTTGCTTTTCAACGTTCA
 GAACAGGATCTCATTGCAATTTTACTGCTGTCTTAATGCCAATGTCACATCAAGAACCCAGAATCCAT
 CCTCACAAATACTTACGACGGAGGTTAAGAAGTGAGAGCTCTTATGATATAGATAACATTGTGATTCC
 CATGTCTATTAGTACACAGCCAAATTAGAGAACTCCAGTATAAGAAATACTTACTCCAGCTGGAGG
 AAGGTTGTTCTTACGCCCTTGATGAGCATAACTTAAACAAAGAAGAGATAGAAGATCTTTCTGATGATG
 TCTTCTCCCTAAGACACAGAAAATATGAAGAGAGAGAGCAAGCTAGGTGGTCACTGTGGGAACAAAGCAA
 ATGGCACAGAAGAAATAACAGAGCTTACAGTAAAAATGTGGAAGGGCAGGACTTGGTTCTGAAGGAACAC
 TCAAGTGAAGTGGCAGTGTCTCAGCAGGGTACTGCAGAAAGTCTTTTGAAGTCCAGCAGAAAGCCACA
 GTCTGTGTGCTCAGGACTCCCTTTCTTAAATGATGGTCAAGAAAGACAAGTCTTTGCGGTGGGAGCGCG
 AGCATTTTCACTGAAGGATGAGGATACAGCAGCCTTATTGTCCAAGATGAAAGAAAGGATCAGACTGGG
 GGGACAAGCACAGCCTTCCACGATGAAGTCTTCTGTAGTACTACACCTGAGAGTGGCCACCTTCAAAGA
 TGCAGTTAGATGGAATGGAAGAATATAAAGCTTTGGTATAGGAGTTACTAATGTTAAAGAAATAGGTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001122738

Insert Size:	2871 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_001122738.1, NP_001116210.1</u>
RefSeq Size:	4655 bp
RefSeq ORF:	2871 bp
Locus ID:	68691
UniProt ID:	<u>Q5DTI6</u>
Cytogenetics:	1 C3