

Product datasheet for **RN209886**

Kank1 (NM_001037197) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kank1 (NM_001037197) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kank1
Synonyms:	Ankrd15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209886 representing NM_001037197 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTATACCACAAAAGTTAATGGCTGTGCTCCAGAAAACGCAGATGGAGTTCTGAATGGAGACCGTA
ACAAGGAAAAGAAAGACCCGATTTTGTGGAAACCCCGTACGGTTTTTCAGCTAGACTTAGATTTTCGTCAA
GTACGTGGATGACATACAGAAGGAAACACCATCAAGAACTAAACATCCAGAAGAGGCGAAAGCCATCC
GGGCCATGTGCAGAAGTCAGGGCCATACCCGGTCTCAAGGTGTGTGGACTTCCACTGAGTCCCTGTCAT
CCTCCAACAGTGATGACAGCAAGCAGTGTCCAGCTTCTCCTAGCCAGAAGCCACGTACGTGCGACCC
AATCCACGCGCCACCTGCCCCGCTAGAGACCTCGCCACTTTTGTATCTCAGAAAACCGACAGCTGCTG
CCCCCTCCCTCGCCCCAACTCCCCAGGCACAACCTCCATGTACCAAGACGTTGATGGAGACCCGGAGAA
GGCTTGAACAGGAGAGAGTACCATGCAGATGGCACCCGGGTGAGTTCCGAAGGCCAGGCTGGCCAGTTT
TGGAGGCATGGGCTCCACGAGCTCCCTCCCATCCTTCAATGGGTTCTGGCAACCACAGTTCTGCAATGCAC
CAGTTTCAAGATGGATACCAAGGCAATGGCGATTATAGCAGCTATGTCCAGCGGTGCTACGACTTCTT
CCATGGGAAGTCCGTCCGTACAGCCCGCTGAGTTCAGGGATCTCCACCCCGGTGACCAACGTGAGCCC
CATGCACCTGCAGCACATCCGCGAGCAGATGGCCATTGCCTTAAAGCGCCTGAAGGAGCTTGAGGAGCAG
GTGCGAACCATCCCTGTGCTCCAGTCAAGATCTCGGTCTTGAAGAAGAGAAAAGGCAATTGGCCCTCG
AGCTGAAGAACCAGAGGGCCCGCTCCAGAACGAGGCGTGTGGTGTGAGGAAGCGCTCCTACAGCGCAGG
CAATGCCTCCAGCTGGAATTGCTTTCCGAGCCGAAGAGGTGGCGGGGAATTATACATCGACTACGAG
GAGGAAGAAATGGAGAGCGTGGAGCAGAGCACACAGAGGATCAGGGAGTCCGGCAGCTACGGCTGACA
TGCAGGCGCTGGAGCAGAAGATTCAGGATAGCAGCTGTGAAGCCACGCCGAGCTCAGGGAGAACGGGCA
GTGCGCGTCTCGGGAGCGCAAGTCTGTGGCGGTGGGCAGCGATGAGAACATGAATGACATCGTTGTATAC
CACAGGGACTTCAGTCCCGAAGGATACAGCTGTGGGGACAGTCACTGAGACGAGGAATTTTGGCATCA
GCGTGACAGAAGCCATGCTTGGGGTTACTGAGGCTGACAAAAGAGATCGAACTGCAGCAGCAGACCAT
AGAGGCCCTAAAGGAGAAGATTTACCGCTGGAAGTACAGCTTAAAGAAACCACCATGACCAGGAGATG



[View online >](#)

ACTAAGCTCAAGCAGGAACACAGGCTGCCGGATCCAGGAAAAAGTTGACAAGGCCATAATGGCCCAGC
 CACTTGCTTCAGCAAGTTGGTGAGGCCTAGTGCCAAACAGAGAACAATGGTCGGCAGTCACGTGGA
 CACAATGGATTCTGTGTTGGGACCTCCGTGCAAACTAGTAGCGTAGGCACCTCTGCCATCTGACCGC
 AAGAACCAAGTCGTGGGGCCGAGCTGCCTATGAATTGGTGGGTCTGAAGGAGAGGGTGGGGACTCAG
 ACCGATGCGTAGGGAGGCTGTTGAGACTTGAACCGAGTGTGGGTGTAGAAGTCAGTGTCTGTGAAAC
 AGGCAGCAACACAGAGGCTTCTGGGAGCGACCTGACCCCTCTGAAGACAAACTTGAACCTCAAAGACGTG
 CGGTCCATTGGCTGTGGAGACTTCTGTTGATGTGATTGTCTGCTTGCCCAAGGAGTGACCTCCCAG
 GCATGAACACAGAGGCTGTAGGTCAGGGGAAGCTGCTGTGATGGCGGTGCCCATACCACAGACCAGCA
 CACCAGCACGAATCTGGAGCGGGTGGACCAGGGCACTAACACGGAGGTAAACCACCCTGGTGAGTCTGC
 ACCAACACTCTCCTCAGCACTCTGGACAAGCAGACCAGCACCAGAAATGTGGAGATGCGAACGGTGCC
 TCGGAGAAGGCGAGTCAGAGACATCAACCCCTCCAAAAGACTCGGTCTGTTGGGGTGGGACAGTGT
 GTCTGGCAGTTCTGACTTGGACAAGCCATGTGCTGTGAAGACAAAGAGTCCGGTGTGGGACAGATAAT
 ATTCACGACAATCTAGTTGGTCTCAAATGAGGACCATAGCGTGGGGCCTCCACAGTTGACTGTGG
 GACTCATAGGCAGCAGGAGGCGTGGGTGTTGGGAACGAGCCTGTAGGGATCTCTGGAGGATCTCT
 TCAGCCTCAGGTTCCATCTGGAATGATGACTGGCTTGATCACTACATTGAGCGGTGCAGAAGCTGCTG
 GCAGAGCAGCAGAGGTTGCTGGCTGAGAAGTACAGTGAGCTGGCGGAGGCTTTCGGGGAGCCTATTAC
 AGATCGGCTCCCTCAATCACAACCTCATCAGCACCTGTCTGTCATCAATTCCTGATGAAGCTGCAAG
 CACAGAAGAGCTCAGGAACCCTGACTTCCAGAAAAGCAGTCTGGGTAAAATGACAGGAACTCACTTGGAA
 TGTACCTGTAAGTGTGGAGGCCTTCGGTCCGGGAGGACTAGTAAATGTACAAAATCCCAGCCTGAGGTGG
 AGACAGAGACAACAGAAGGCAAGCGGGGTGTGAGCAGTTCTCACACAGGGAAATCTCTGCCCCCGGT
 GAACCTGACAGATGACCAGATAGCCACCGGTCTCTATGTATGTCAAATAATGAAAACACACTGAAATCC
 ATCATGAAGAAAAGCGATGGGAATAAAGATTCGAAACGGAGCCAAAAGAATCTTCAGTTCATTGGTGT
 ACGGCGGGTATGAGACAACCTCAAGTGATGATTCAGCTCGGTTGGAAGCTTCTTCAGTTCAGTGTGA
 CGAGTGTGACACCAATGGGTATCCCTCCCGAGGAAGGAGGAGGAGGAAGGAGGAGGAGGAGGACACGAC
 ACTCGGGGAAATGGCGGAAGGCGCCACGAGTTAATATTGAAGTTTCAGTCTGCCAGGTTGGAAGATG
 AAGTGCAGGTTCCAGAATGTGAACCTGAGAAGGAGGAAATCAGAGAGAGGTATGAATTAAGTAAAAAGAT
 GCTGTCTGCCTGCAGCTTATTGAAATAAACATAAATGATCCCAAAGCTTTGGCCAGCAAAGATGAGG
 ATCTGTCTGAACACCCTCCAGCATGAGTGGTCCGAGTGTCCAGTCTGAAAGTCCGCTGTGCCAGCCATGG
 TGGGTGACTACATCGCCGCTTCGAGGCTGTCTCCCGGACGTCTCCGTTACATCATCAACATGGCGGA
 CGGCAACGGGAAACCCCGCTCCACTACAGCGTGTCCCCTCAACTTCCAGATCGTCAAGTGTCTCTG
 GATGACAGCGTGTGAACGTAGATCATCAGAACAAAGGCAGGGTACACGCCATCATGCTGCGAGCCCTCG
 CAGCCGTGGAGGCAGAGAAGGACATGCAGGTCGTAGAAGAACTTTCAGCTGTGGAGATGTAATGCCAA
 GGCCAGTCAGGCAGGACAGACAGCCCTCATGCTGGCCGTGAGTATGGGCGGATAGACATGGTGAAGGGC
 CTACTGGCCTGTGGGGTGTGACGTCAACATCCAGGATGACGAGGGTTCTACTGCCCTGATGTGTGCCAGCG
 AACATGGGCATGTGGAGATCGTGAAGCTGTGCTGGCCAGCCAGGCTGCAGTGGCCACCTGGAGGACAA
 TGACGGCAGCACCGCTCTCTCCATAGCTTTGGAAGCAGGACACAAGGACATTGCTGTGCTTCTGTATGCC
 CACCTCAACTTCTCGAAAGCCAGTCTCCGAGCACCCGAGGCTTGAAGAAAGACTCTCTCTGGTCCCA
 CTCACCGAGTTCCCTTTGACTGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001037197

Insert Size:

4083 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_001037197.2, NP_001032274.2</u>
RefSeq Size:	5170 bp
RefSeq ORF:	4083 bp
Locus ID:	309429
Cytogenetics:	1q51