

Product datasheet for **RR206270**

Tecrl (NM_001108860) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tecrl (NM_001108860) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tecrl
Synonyms:	Srd5a2l2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR206270 representing NM_001108860 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTCAAAGGCACAAGTCCCTGGAACGCAAGAGGGAATTATTATCCAGGGACTTCCACAGTTCACAA
 TGAAGAATAATACAAGAAATTTCCACTCCTTGTCACAATTGTACTCTCAGCAGGCCCGCTAAAACTAC
 TACAGCAGTCAACATTCAAAAACGACTCACTTTGAGATCGAAATACTGGATGCTCATACAAGAAAACAG
 ATATGTATTGTGGATAAGGTAACACAAACGTCAACTATTTATGATGTCAAACAGAAGTTTCACAAAGCAT
 GTCCAAAGTGGTACCCTTCTCGAATTGGCCTACAACCTAGAATATGGTGGTCCGTACTTGAAGGATTATAT
 CACGATTCAAAGTGTGAGCTTCTTCAATTATCACACTCTATTTTACAGACTTGGGTGAGCAAGTTGGT
 TGGACCACAGTCTTTTGGCTGAATACTCAGGACCTCTGTTAATATACCTTCTTTTTTATTTGAGGAGCT
 CATACATATATGATGTCAAAGAGAGCTTTAGATGGCCCCGACACACTGTGGTACACTTGGCTTGTTCCTG
 CCACTGTATCCACTACATCCGACTCCTTCTGGAACCTTTATTTGTTACAAAGTTTCTACAGGACATAGT
 CCTATGAAAACTTGATAAAGGTTGTGCATTTATTGGGGATTCACTTCTTGGATGGCTTATTATATTA
 ATCACCACAGATATACGCCACCATCATTTGGAACAGGCAATAATAGTGCTGCTATCAATTTTTTGAT
 GTGTGAAGCTGGAAATCATTTCAATACAGTGTGGCTCATCCAGTCACACAGGGAGCAATGCTTGT
 TTCCCGAGTCCAATTATAACCCCTTCATGGATGTTTTCTGGTTTCTGTCTCACTACACCTATG
 AGATCGGAACCTGGATTAGTTTCACTATCATGACCCAGACACTCCAGTTGGTATTTTTACAATGTTAAT
 GACCATCCAGATGTCTTTGTGGGCACGAAAGAAGCATAAGATATATCGGAAGAAATTCAACTCATACGTT
 CATAGGAAATCAGCCATAATTCCATTCATATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

Protein Sequence: >RR206270 representing NM_001108860
 Red=Cloning site Green=Tags(s)

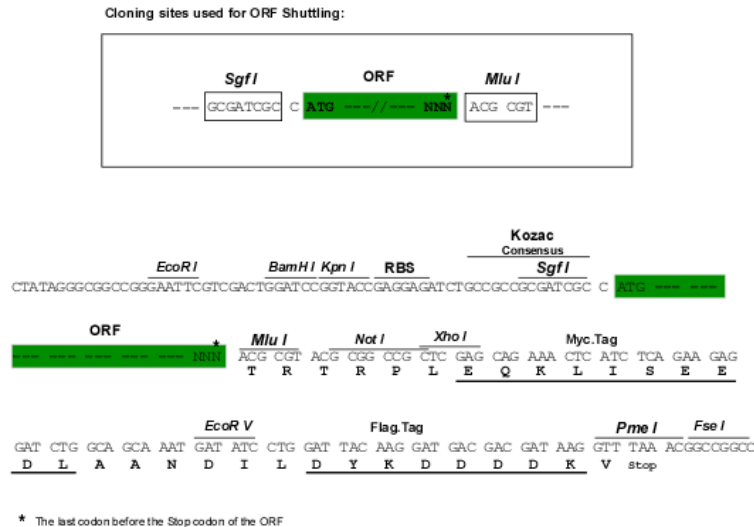
MFKRHKSLERKRELLFQGLPQFTMKNNTRNFHLSQLVLSAGPLKTTTAVKHSKTTTFEIEILDAHTRKQ
 ICIVDKVTQTSTIYDVKQKFHKACPKWYPSRIGLQLEYGGPYLKDYITIQSVAASSIITLYFTDLGQQVG
 WTTVFLAEYSGPLLIYLLFYLRSSYIYDVKESFRWPRHTVVHLACFCHCIHYIRLLLETLFVHKVSTGHS
 PMKNLIKGAIFYWGFTSWMAYYINHPRYTPPSFGNRQIIIVSAINFLMCEAGNHFINTVLAHPSHTGSNAC
 FPSPTYNPFTWMFFLVSCPNTYEIGTWISFTIMTQTLPGIFTMLMTIQMSLWARKKKHKIYRKKFNSYV
 HRKSAIIPFIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001108860

ORF Size: 1083 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001108860.1, NP_001102330.1

RefSeq Size: 1394 bp

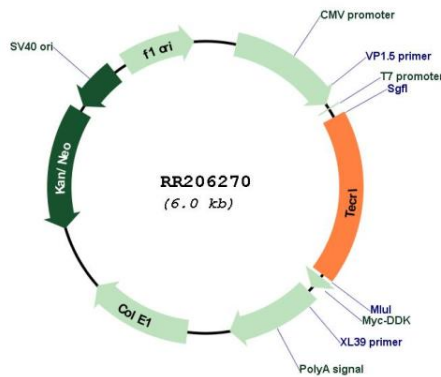
RefSeq ORF: 1086 bp

Locus ID: 364134

Cytogenetics: 14p21

MW: 42.1 kDa

Product images:



Circular map for RR206270