

Product datasheet for RN212881

Tln1 (NM_001039025) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tln1 (NM_001039025) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tln1
Synonyms:	Tln
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212881 representing NM_001039025 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTTGCGCTTTCGCTGAGGATCAGCATTGGGAACGTGGTGAAGACGATGCAGTTTGAGCCGTCTACCA
TGGTGTACGATGCCTGCCGCATGATTCTGTAGCGGATCCCAGAGGCCCTGGCTGGCCCTCCAGCGACTT
TGGGCTATTTCTGTCAGATGATGACCCAAAAAAGGTATCTGGCTCGAGGCTGGGAAAGCTGGACTAC
TACATGCTCCGAAATGGGACACCATGGAGTACAGAAAAAACAGAGACCCTGAAGATCCGGATGTTAG
ATGGAAGTGTGAAGACTATCATGGTGGATGACTCCAAGACTGTACAGACATGCTCATGACTATCTGTGC
CCGAATTGGTATACCAACCATGACGAATATCACTGGTTCGAGAGCTGATGGAAGAAAAGAAGGATGAG
GGGACAGGGACCCCTAAGAAAAGACAAGACCCTGTTGCGAGATGAAAAGAAGATGGAGAACTAAAGCAGA
AGTTGCACACAGACGATGAGTTGAACTGGCTGGACCATGGGCGGACACTGAGGGAACAGGGAGTGGAAAG
GCATGAGACGTTGCTGCTGCGGAGAAAGTTCTTCTACTCAGACCAGAATGTGGACTCCCAGCACCCTGTA
CAGCTGAACCTTCTTTATGTGCAGGCACGAGATGACATCCTGAACGGCTCCCACCCTGTCTCCTTTGACA
AGGCCTGTGAGTTGACAGGCTTCCAATGCCAGATCCAGTTTGGACCTCACAATGAACAGAAGCACAAGGC
TGGCTTCTTGACCTGAAGGACTTCTGCCAAGGAGTATGTGAAGCAGAAGGGAGAGCGTAAGATCTTT
CAGGCGCACAAAAATTGTGGCAGATGAGTAAAATTGAGGCCAAGTACGCTATGTGAAGTGGCCCGTT
CCCTCAAGACTTACGGTGTCTCCTTCTTCTAGTGAAGGAAAAGATGAAGGGGAAGAATAAACTAGTGCC
CAGGCTGTTGGGCATCACCAAGGAATGTGTGATGCGTGTGGATGAGAAGACCAAGGAGGTGATCCAGGAA
TGGAGCCTCACCAACATCAAACGCTGGGCTGCCTCTCCAAGAGCTTCACTTTGGACTTTGGAGACTACC
AGGATGGCTACTACTCAGTACAGACGACTGAAGGGGAGCAGATTGCACAGCTCATTGCTGGCTACATCGA
CATCATCCTTAAGAAGAAAAAAGCAAGGACATTTTGGGCTGGAGGGAGATGAAGAGTCTACTATGTTG
GAGGACTCAGTTTCTCCAAAAAGTCAACAGTCTTCAGCAGCAATAACAACCGAGTGGGGAAGCAGAGC
ATGGCTCTGTGGCCCTACCAGCCATCATGCGCTCTGGAGCCTCTGGCCCTGAGAAATTTCAAAGTGGGGAG
CATGCCGCTGCCAGCAGCAGGTTACCAGTGGCCAGATGCACCGCGGACACATGCCACCTTGACTTCA



[View online »](#)

GCCCAGCAGGCGCTCACTGGAACCATTAACCTCCAGCATGCAGGCTGTGCAGGCCGCCAAGCTGCTCTTG
 ATGACTTTGATGCTCTGCCCCCTCTGGGCCAGGATGCTGCCTCCAAGCTTGGCGTAAGAACAAGATGGA
 TGAATCAAAGCATGAGATCCACTCCCAGGTAGATGCCATCACAGCTGGCACTGCCTCCGTGGTAAACCTG
 ACAGCAGGAGACCCTGCAGAGACAGACTATACCGCAGTGGGCTGTGCAGTACCACCATCTTCCAACC
 TGACGGAGATGTCCCGTGGAGTGAAGTTGTTGGCTGCCCTGCTGGAGGATGAAGGTGGCAATGGCCGGCC
 CCTTCTGCAAGCAGCAAAGGGCCTTGCAGGGCAGTGTGAGAAGTCTTCCAGCCAGTGGGAGCTGTTGCAGC
 AAATTGGGGAGAGTGACACTGACCCCACTTCCAGGATATTCTGATGCAGCTAGCAAAGGCAGTGGCTAG
 TGCTGCAGCCGCCCTGGTCTCAAGGCCAAGAGTGTGGCCAGCCACAGAGATTACAGGCTTACAGACC
 CAAGTTATTGCTGCAGCTACACAGTGTGCCCTGTCCACTTCCAAGTGTGGCTGCACCAAGGTGGTAG
 CTCCTACGATCAGCTCACCTGTCTGCCAGGAACAGCTGGTAGAGGCGGGACGACTGGTGGCCAAGGCTGT
 GGAGGGCTGTGTCTGCCTCCAAGCAGCTACAGAAGACGGACAAGTGTGCGAGGGGTAGGAGCAGCA
 GCCACAGCTGTCACCCAGGCCCTCAATGAGCTGCTGCAGCATGTGAAGGCCCATGCCACAGGGGCTGGGC
 CTGCTGGTCGATACGACCAAGCCACTGATACCATCCTCACTGTCAGTGAATAATCTTCCAGTCCATGGG
 TGATGCTGGGGAGATGGTGCACAGGCCCGCATCTGGCCCAAGCCACCTCAGACCTGGTCAATGCTATC
 AAGGCCGATGCTGAGGGGAGAGTGATCTGGAGAAGTCTAGGAAGCTCCTGAGTGCCTGCCAAGATCCTTG
 CTGATGCCACCGCCAAGATGGTGGAGGGCGCAAGGGAGCAGCCGCCACCCGACAGTGAAGGAGCAGCA
 GCAGCGACTACGTGAAGCGGCTGAGGGGCTCCGCATGGCCACCAATGCAGCTGCACAGAATGCCATCAAG
 AAGAAGTTGGTGCAGCGTCTGGAGCATGCAGCCAAACAAGCTGCAGCCTCTGCTACACAGACCATCGCTG
 CAGCACAGCATGCAGCCTCTGCCCCCAAGGCTCTGCAGGCCCCAGCCACTACTGGTACAGAGCTGTAA
 GGCTGTGGCAGAGCAGATTCCATTGCTGGTGCAGGGTGTCCGAGGAAGCCAAGCTCAACCTGACAGCCCT
 AGTGCTCAGCTCGCCCTCATTGCTGCCAGCCAGAGTCTCCTGCAGCCAGGTGGGAAGATGGTGCAGCAG
 CAAAGCCCTCAGTGCCAACAATTACAGACCAGGCTTCCAGCATGCAGTGAAGTGTGCAAAAGCACT
 AGGCATGCCCTGGCCGAGCTCCGCACTGCTGCCAGAAGGCTCAGGAGGCATGTGGACCTTTGGAGATG
 GACTCCGCACTGAGCGTGTACAGAATCTAGAGAAGGACCTGCAGGAGATAAAGCAGCCGCTCGCGAGG
 GCAAACCTAAACCGTTACCCGGGGAGACGATGGAGAAGTGTACCAAGATCTTGGCAACAGCACCAAAGC
 GGTGAGCTCTGCCATCGCCAAGCTGCTGGGGGAGATTGCCAGGGCAACGAGAATATGCAGGATTGCA
 GCTCGGGATGTAGCAGGTGGACTAAGGTCACTTGCCAGGCTGCACGGGGTGTAGCTGCACTGACAAACG
 ATCCTGCAGTGCAGGCCATTGTGCTTGCACAGCCAGTGCAGCTCTGGACAAGGCCAGCAGCCTCATTGA
 GGAGGCAAAGAAAGCATCCGGCCATCCAGGGGACCCGGAGAGCCAGCAAAGGCTTGCCAGGTGGCTAAA
 GCAGTGACGCAGGCCCTGAACCGCTGTGTAGCTGCCTGCCTGGCCAGAGAGATGTGGATAACGCCCTAA
 GAGCTGTTGGAGATGCCAGCAAGCGACTCCTGAGTGACTCGCTTCTCCAAGCACCAGGACGTTTACAGGA
 AGCACAGAGCCGACTGAATGAAGCTGCTGCTGGGTTAAATCAGGCGGCCACAGAGCTGGTGCAGGCCCTC
 CGAGGAACCCACAGGACCTGGCTCGGGCTCAGGTGATTCGGACAGGACTTACAGCACCTTCTGGAAG
 CTGGTGTGGAGATGGCTGGACAGGCCCGAGCCAGGAGACCCAGGCTGGTGTCCAAGTGAAGGG
 CATATCCATGTCTTCGAGCAAATCTTCTGGCTGCTAAGGCCTTGTCCACAGACCCTGTGCTCCCAAC
 CTCAAGAGTCAGCTGGCTGCAGCTGCCCGGCAGTGACAGACAGCATCAACCAGCTATCACCATGTGCA
 CCCAGCAAAGCCCTGGCCAGAAGGAGTGTGACAACGCACCTTCGGCAGCTAGAGACGGTCCGAGAGCTCCT
 GGAGAACCCAGTGCAGCCCATCAACGACATGCTCTACTTCGGTTGCTTGGACAGTGTGATGGAGAAGCT
 AAGGTCCTAGGTGAAGCCATGACTGGCATCTCCAGAATGCCAAGAATGGAAATCTGCCAGATTTGGAG
 ATGCCATTGCCACAGCCTCCAAGGCTCTCTGCGGCTTCACTGAGGCAGCCGCACAGGCAGCATATCTGGT
 TGGTGTCTCTGACCCCAATAGCCAAGCTGGACAGCAAGGACTGGTGAACCCACACAGTTTGCCTCGCA
 AACCAGGCAATTCAGATGGCCTGTGAGTCTGGGGGAGCCTGGCTGTACCCAGGCCAGGTGTTGTCTG
 CAGCCACTATTGTGGCCAAGCACACTTCTGCCCTGTGTAACAGCTGTGCTGCTTCCGCTCGGACTGC
 CAATCCCCTGCCAAGCGCCAGTTTGTACAGTACAGCAAGGAGGTGGCCAACAGTACAGCCAATCTGTG
 AAGACCATCAAGGCACTAGATGGGGCTTACAGAAGAGAACCGGGCCAGTGCCGAGCGCCACAGCCC
 CTCTGCTGGAAGCTGTGGATAACCTGAGTGCTTTGCATCCAACCCTGAGTTCTTACGCTTCTGCCCCA
 GATCAGCCCTGAGGGCCAGCTGCCATGGAGCCATTGTAATCTGCTAAGACAATGTTAGAGAGTGTCT
 GGAGGGCTCATCCAGACAGCTCGGGCATTAGCAGTCAATCCACGGGATCCTCCACGTTGGTCCGGTGTAG
 CTGGCCACTCTCGGACTGTCTCAGATTCATCAAGAACTTATTACAAGCATGAGAGACAAAGCCCCGGG
 ACAGTTGGAGTGTGAGACAGCCATTGCAGCTCTGAACAGCTGCTTGGGGACCTGGACCAGGCTTCTCTT
 GCTGCTGCAGCCAACAGCTGGCTCCCCGTAAGGAATCTCCAAGAGGCTTGCACACCAGATGCTCA

CTGCAGTGCAGGAAATTTCCCATCTCATTGAGCCACTGGCCAGTCTGCTCGAGCTGAAGCCTCCCAGCT
 GGGACACAAGGTGTCCCAAATGGCCAGTACTTTGAGCCACTCACCTGGCCGAGTGGGTGCTGCATCT
 AAGACCTGAGCCACCCACAGCAGATGGCACTTCTGGACCAGACGAAAACATTGGCAGAGTCTGCCTTG
 AGTTGCTATACACTGCCAAGGAGGCCGGTGGTAACCTAAGCAAGCAGCACACCCAGGAAGCCCTGGA
 GGAAGCTGTGCAGATGATGACAGAAGCTGTAGAAGACCTGACAACAACCTCAACGAAGCAGCTAGTGCT
 GCAGGGGTGCTGGTGGCATGGTGGACTCCATCACCCAGGCTATCAACCAGCTAGATGAAGGACCTATGG
 GTGAACCAGAAGTTTCGTTTCGTAGATTATCAGACAACCATGGTGAGGACAGCCAAGGCCATAGCTGCAC
 TGTTCAAGAAATGGTAACCAAGTGAACACCAGCCCTGAAGAGCTGGGCCCTCTTGCCAACCAGCTGACC
 AGTGACTATGGCCGACTGGCCTCACAAGCCAAGCTGCAGCTGTGGCTGTGAGAATGAGGAGATAGGTG
 CGCATATCAAGCACCGAGTACAGGAGCTGGGCCATGGCTGTTCTGCTCTGGTACCAAGGCAGGCGCCTT
 GCAGTGTAGCCCCAGTGATGTCTACACCAAGAAGGAGCTCATAGAGTGCGCCGAGAGTATCAGAGAAG
 GTCTCCCATGTTCTGGCTGCACTCCAGGCTGGGAATCGTGGTACCAGGCTGCATCACAGCAGCCAGTG
 CTGTGTCTGGTATCATTGCTGACCTTGACACCACCATCATGTTTGTACTGCTGGCACACTTAACCGTGA
 GGGTGCCGAAACTTTTGACAGACCACGGGAGGGTATCTTAAAGACAGCAAAGTTCTTGTGGAGGACACC
 AAGGTCTGGTACAAAATGCAGCTGGGAGCCAGGAGAAGTTGGACAAGCTGCCAGTCTCAGTGGCCA
 CCATTACCCGCTCGCTGATGTAGTCAAGCTTGGTGCAGCCAGCCTAGGAGCTGAGGACCCCGAACTCA
 GGTGGTGTGATCAATGCAGTAAAGGACGTAGCCAAGGCCCTGGGAGACCTCATCAGTGAACGAAGGCT
 GCAGCGGGCAAAGTTGGGGATGACCCTGCAGTGTGGCAGCTCAAGAACTCTGTAAGGTGATGGTGACTA
 ATGTGACATCGTTGCTCAAGACTGTGAAGGCTGTGGAAGATGAGGCCACCAAGGCACCCGGGCCCTAGA
 GGCAACCACAGAGCACATACGTCAAGAACTGGCGGTCTTCTGTTCCCGAGAGCCCTGCCAAGACTCC
 ACCCTGAAGATTTTCATCCGAATGACCAAGGGTATTACTATGGCAACAGCCAAAGCTGTTGCTGTGGCA
 ATTCTGTGCGGAGGAAGATGTCATTGCCACAGCCAATCTGAGCCGACGTGCTATTGCAGACATGCTTCG
 CGGTTGCAAGGAAGCAGCTTCCACCCAGAAGTGGCACCTGATGTGCGGCTTCGAGCCCTACACTTTGGC
 CGGGAGTGTGCCAATGGCTACCTGGAGCTGCTGGACCAGTGTGCTGACCTCCAGAAGCCAAACCCAG
 AACTAAAGCAGCAGCTGACAGGACACTCAAGCGAGTTGCTGGCTCGGTGACTGAGCTTATCCAAGTGC
 TGAAGCCATGAAAGGAACAGAGTGGGTGGACCCGAGGACCCTACTGTTATTGCCGAGAACGAGCTTCTG
 GGAGCCGAGCTGCCATTGAGGCTGCGGCCAAAAGCTAGAGCAACTGAAGCCCCGGGCCAAGCCCAAGG
 AGGCAGATGAGTCTTGAACCTTTGAGGAGCAAATCCTGGAAGCTGCCAAGTCCATCGCCGAGCCACCAG
 TGCACTAGTAAAGGCGGCTCAGCAGCCAGAGGGAGCTGGTGGCTCAGGAAAGGTGGGCGCCATTCCA
 GCCAATGCACTGGACGATGGGCAGTGGTGCAGGGCCTCATTCCGCTGCCCGTATGGTGGCTGCGGCCA
 CCAACAATCTGTGTGAAGCAGCCAATGCAGCTGTCCAGGGCCATGCTAGCCAGGAGAAACTATTTCTTC
 AGCCAAGCAAGTAGCTGCCCTCCACAGCCAGCTCCTGGTCTGCAAGGTCAAAGCAGATCAGGACTCA
 GAGGCAATGAAGAGGCTTCAGGCTGCTGGAATGCAGTGAAGAGGGCTTCAGATAACCTGGTAAAGCGG
 CCCAGAAAGCTGCAGCCTTCAAGACCAGGAGAATGAGACGGTGGTGGTGAAGGAGAAAATGGTTGGGG
 CATTGCCAGATTATCGCAGCACAGGAAGAGATGCTTCGGAAGGAACGAGAGCTGGAAGAGGCTCGGAAA
 AAGCTTGCCAGATCCGGCAGCAGCAGTACAAGTTCTTGCTTCAGAGCTTCGAGACGAGCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001039025

Insert Size:

7626 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.

RefSeq: [NM_001039025.2](#), [NP_001034114.2](#)

RefSeq Size: 8647 bp

RefSeq ORF: 7626 bp

Locus ID: 313494

Cytogenetics: 5q22