

Product datasheet for **SC214300**

TTLL12 (NM_015140) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TTLL12 (NM_015140) Human 3' UTR Clone
Symbol:	TTLL12
Synonyms:	dj526l14.2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015140
Insert Size:	1416 bp



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Insert Sequence:	>SC214300 3'UTR clone of NM_015140 The sequence shown below is from the reference sequence of NM_015140. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site
	<pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC GGTGGCTGCCACGTTACCTGCCTTGTCAGGCACTCGCTGTCCCCAAAACCTGTGCTTGGGGCAGGATT CCAACCTCAGTTCTCTGAGCTGCTTCTGCAAAGGCCCCCATGTCCCTCCCAACACCGGCCCTGGGCATA GCCTCAGCCCCAGGCCTCTGTCTGCCGAGCCATCCTCCCGCGCCCACTCCGGGAGCAGACATCCT CCTCTACCTGTGGGTGAGAGCAGGACAGTGATGGTGTCCCGAGGCTGAGCACCACCCACGCCCTGC CCTCACCCTCACCACCATCTGTGCACTGATGAGTCTCCAGTTTAGCCAAGGGCTTTGTTCTGGCATG GAGAATTTGTTCTGGCTGCTGTGTTTCCAGGGGTGCTGGGGGAAGGGTTCCGTGGAGCGAGACAAGG TGTCTCGGGAGCAGGGTCCACCGGGAAGCGTTTGGGAGCCCTGTATCACACGGGGCAGGCGGGTTTC TCTTCCGGGGTCTCTGCTTTATGCATCAGGACGACCCCGGGACGGCTGTGGGGCCCACTGCACCC ACAGGGCTCTATGCGACAGGGGCCAGGAACAGCCTGAGGCCACCAACAGCAAGCCCGCTTATACC CATTCCAGCTCAGCCAGAACCTTACCAGCAAACCTCCTGCTGAGGTCTGGCAGGAGGCCACCGCTCT GTTACCGTTTCTTTTCTGTTGCTGAGGGTCACAGACCCCAACAGGGAATCAGTATCTGTCTTCCAG TGGTTGCCCTGCTCGCCGGGCACTCCACGGGTCCCGCCTTGTGTGAGATGGGCCAGGATCCTTCGGC AAGGGGCGCTGGGGCTGGGGCTGATTGTGGGCGGTGGAGCGCCAGACAGAAAAGGATTCCAATGAGAA CTTCAGTTAAAGTCAGATGCCACCTACCAGGGTCTACAGTCAAATGTTGGCTTTTCTATTTTTTA ATGTATGGGAGAAAAATGAAAAATCCAGTTCTTTTCTAATTGTGTTTCTGAAATTAGGAGTCAGCTGC CAGCGTTTTTGTGTGGCTGCAGTGTGCTGGGCCAGCTCACGGGCAGTGGGTGGACCTAACTGCCAG GCAGGCGAGAGCTACTTCCAGAGCCTTCCAGTGCATGGGAGGGCAGGGCTAGGTGTAGCGGTGTCTCCT CTTTGAAATTAAGAACTATCTTTCTGTAGCAAAGCTGCACCTGATGATGCTGCCTCTCCTCTGTGT TGTCTGGGCCCTTGTTTACAAGCACGCTTACCCTTCTGAGGGGAGCCATGCTCTAGCCCTGGAGGG CCTGTTGCAGGGCAGGGCGGGCCGTCGCTTTGGCAGCTCCTGGAGAGCTGTGGACATGCAGTCCCC CTCAGTTCGTGCTGCAATAAAGGCCATCTTCTCTTA AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCC CAACCTGCCATCACGAGATTTGATTCCACCGCCGC </pre>
Restriction Sites:	Sgfl-RsrII
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_015140.4</u>

Summary:	Negatively regulates post-translational modifications of tubulin, including detyrosination of the C-terminus and polyglutamylation of glutamate residues (PubMed:20162578, PubMed:23251473). Also, indirectly promotes histone H4 trimethylation at 'Lys-20' (H4K20me3) (PubMed:23251473). Probably by controlling tubulin and/or histone H4 post-translational modifications, plays a role in mitosis and in maintaining chromosome number stability (PubMed:20162578, PubMed:23251473). During RNA virus-mediated infection, acts as a negative regulator of the DDX58/RIG-I pathway by preventing MAVS binding to TBK1 and IKBKE (PubMed:28011935).[UniProtKB/Swiss-Prot Function]
Locus ID:	23170
MW:	49.1