

Product datasheet for **RC226993**

LTK (NM_001135685) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LTK (NM_001135685) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LTK
Synonyms:	TYK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC226993 representing NM_001135685
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCTGCTGGGACAGCTGCTGGTGTGGTTCGGAGCCGCGGGCGCCATTCTCTGCTCTAGCCCGGGT
 CCCAGGAGACTTTTCTGCGGTCCCTGCCCCCTGCCGCTGGCAAGTCCCAGCCCCGGGACCCGAAAGTCAG
 CGCCCCGCTAGTATCTTGGAGCCAGCCTCCCCGCTGAATTCTCCGGGCACCGAGGGGTCTTGGCTGTTT
 TCTACCTGCGGGGCCAGCGGCCGCATGGGCCACACAGACACAATGTGACGGGGCGTACCGGGGACCA
 GCGTGGTGGTACCGTGGGGGCCCGGGCAGCTGAGAGGCGTGCAGCTGTGGCGGTGCCGGGCCCTGG
 CCAGTATCTGATCTCAGCCTACGGAGCCGCGGGCGCAAGGGCGCAAGAACCACCTGTCGCGGGCGCAT
 GGGCTCTCGTCTCAGCAATCTTCTCCCTCGGTCTCGGGGAGTCGCTGTACATCCTGGTGGGGCAGCAGG
 GAGAGGACGCCTGTCCCAGAGGTAGCCCCGAGAGCCAGCTCGTCTGCCTCGGGGAGTCTCGAGCCGTTGA
 AGAGCACGCGGCATGGATGGGAGCGAAGGGTCCCGGGTCCGCGCGCTGGGCGGAGGTGGCGGGGT
 GCGGGGGCGCCACCTAGTTTTCCGGGTGCGCGCTGGCGAGCTGGAACCGTTGCTGGTGGCGGCCGGAG
 GCGGGCGTCCGGGCTACCTGAGGCCGCGGGACCGAGGCCGACTCAGGCCTCCCCGAGAAACTGGAGAA
 CCGCTCGGAGGCGCCCGGAGCGCGGGAGAGGCGGGGCGCAGGGGGCGACGCTTCAGAGACTGACAACT
 CTCTGGGCTGATGGGGAAGATGGAGTATCCTTCATACACCCAGCAGCGAGCTCTTCTGCAGCCTCTGG
 CAGTCAACGAGAACACGGAGAGGTAGAGATCCGAAGGCACCTCAACTGCAGTCACTGCCCTTTGAGAGA
 CTGCCAATGGCAGGCAGAGCTCCAGCTGGTGAATGCCTGTGCCAGAAGGCATGGAGCTAGCTGTGGAT
 AACCTCACCTGCATGGACCTGCACAAGCCCCAGGCCCTCTGGTCTGATGGTGGCTGTGGTGGCAACT
 CAACACTGAGCCTCCTTATGGTGTGTGGGTCTGATTCTGGGTGGGGCTTGGCCCCGCCCCAGTCTGGC
 CTCTGCCACCAGGTGTACCCGAGGTTTCCCGAGCCAATGTTACTCTGCTCAGACCCTGCCAGAACTCTGC
 TCGCCTCAGGATGAGCTGGATTTCTCATGGAGGCCCTCATCATCAGCAAGTTTCGCCATCAGAACATTG
 TGCGGTGTGTGGGCTCAGCCTCAGGGCCACCCCTCGCCTCATTCTGCTGGAAGTATGCTGGAGGGGA
 CATGAAGAGTTTCTGAGGCACAGTCGGCCACACCTGGGCCAGCCATCACCTCTGGTCTGCGGGACCTG
 CTGCAACTGGCCAGGACATAGCCAGGGCTGCCACTACCTGGAGGAAAATCACTTCATCCACAGGGATA
 TTGCCGCCGGAAGTGCCTGCTGAGCTGCGCTGGACCCAGCCAGTGGCCAAGATTGGGGACTTTGGGAT
 GGCACGAGATATCTACCGGCCAGTTATTACCGCAGGGGGACCGGGCCTTGCTCCAGTCAAGTGGATG
 CCCCAGAGGCCCTCCTGGAGGGCATCTCACATCCAAGACAGATTCTGGTCTTTTGGGTGCTGCTCT
 GGGAGATCTTCTCACTGGGCTACATGCCCTATCCTGGGCGCACCACAGGAGGTGCTGGACTTCGTCGT
 TGGAGGAGGCCGATGGACCCTCTAGGGGCTGCCAGGGCCTGTGTACCGCATCATGACCCAGTGTGG
 CAGCACGAGCCTGAGCTCCGCCCTAGCTTTGCCAGCATCTGGAGCGTCTGCAGTACTGCACTCAGGACC
 CGGATGTGCTGAATCACTCCTGCCAATGGAGCTGGGGCCACCCAGAGGAGGAAGGGACTTCTGGGCT
 GGGGAACAGATCTTTGGAGTGCCTAAGACCCCCACAGCCCCAGGAAGTCCAGAGAAGTTGAAAAGC
 TGGGGAGGTAGCCCTCTGGCCCTGGCTGTCTCTGGCCTCAAGCCCTCAAATCCAGGGGCTCCAAC
 CTCAGAACCTTTGGAATCCCACTTATCGCTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_001135685.2](#)

RefSeq ORF: 2205 bp

Locus ID: 4058

UniProt ID: [P29376](#)

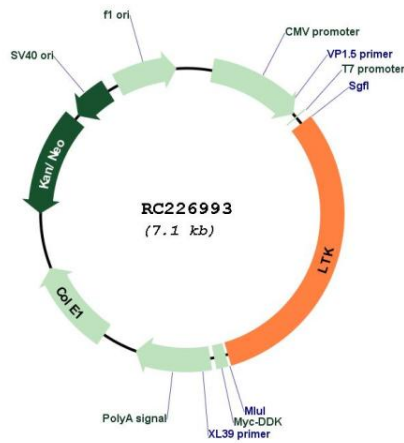
Cytogenetics: 15q15.1

Protein Families: Druggable Genome, Protein Kinase, Transmembrane

MW: 78.71 kDa

Gene Summary: The protein encoded by this gene is a member of the ros/insulin receptor family of tyrosine kinases. Tyrosine-specific phosphorylation of proteins is a key to the control of diverse pathways leading to cell growth and differentiation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]

Product images:



Circular map for RC226993