

Product datasheet for **MG222631**

Ltk (NM_206941) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ltk (NM_206941) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ltk
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG222631 representing NM_206941
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

CTGGAGACCCGCGCGGCCGCGCCGGGCAGCGCGGGAGAGAGGGCGCGGAGGTGGAGGGAGCGGCTGGA
 CGTCGCGAGCCACTCTCCGACAGCCGGACGCTCGCCCGGGAAGGGGCCGAGGGCGCGAGGGCTGCGC
 GGAGGCCCTGGGCTGCGCTCCGCTGGGCTCGCGCGGGAGGCTTCGGGGCGCGCGCGGGCCCTGCGCGCG
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 TGGCTCTGGACCCCAAGGGGCCCCAGGGTGAAGATACAGGCATTGAACACTGCAATGGCTCTCTCTCA
 AGTTCCATTCCAGGCATCCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

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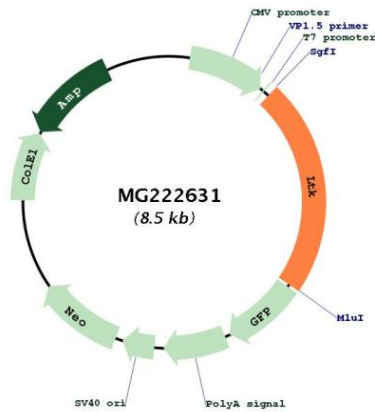
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 SSPLPVAIKTLPELCSHQDELDFLMEALII SKFSHQNIIVRCVGLSFRSAPRLLLELMSGGDMKSFLRHS
 RPHPGQLAPLTMQDLLQLAQDIAQGCHYLEENHF IHRDIAARNCLLSCSGASRVAKIGDFGMARDIYQAS
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 RNCPPVYRIMTQCWQHQPPELRP DFGSILERIYCTQDPDVLNSPLPVEPGPILEEEASRLGNRSLEGL
 RSPKPLELSSQNLKSWGGLLGSWLP SGLKTLKPRCLQPQNIWNPTYGSWTPRGPQGEDTGIEHCNGSSS
 SSIPGIQ

TRTRPLE - GFP Tag - V

Cytogenetics: 2 59.97 cM

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. Four alternatively spliced transcript variants encoding different isoforms have been described for this gene. These transcripts are expressed in a tissue-specific manner in lymphocytes, brain and neuroblastoma cells, and the encoded isoforms exhibit different subcellular localization. The lymphocyte and brain specific variants initiate translation at non-AUG (CUG) start codons. [provided by RefSeq, Jul 2008]

Product images:



Circular map for MG222631