

Product datasheet for **RG213051**

Tcl1 (TCL1A) (NM_001098725) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tcl1 (TCL1A) (NM_001098725) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: Tcl1
Synonyms: TCL1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG213051 representing NM_001098725
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGAGTGCCCGACACTCGGGGAGGCAGTCACCGACCACCCGACCGCCTGTGGCCTGGGAGAAGT
TCGTGTATTTGGACGAGAAGCAGCACGCCTGGCTGCCCTTAACCATCGAGATAAAGGATAGGTTACAGTT
ACGGGTGCTCTTGCCTCGGAAGACGTCGTCCTGGGGAGGCCTATGACCCCAACCCAGATAGGCCAAGC
CTGCTGCCTATCATGTGCAGCTCTACCCTGATGGACGATACCGATCCTCAGACTCCAGTTCTGGCGCT
TAGTGTACCACATCAAGATTGACGGCGTGGAGGACATGCTTCTCGAGCTGCTGCCAGATGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG213051 representing NM_001098725
Red=Cloning site Green=Tags(s)
MAECPTLGEAVTDHPDRLWAWKEFVYLDEKQHAWLPLTIEIKDRLQLRVLLRREDVVLRPMTPTQIGPS
LLPIMWQLYPDGRYRSSDSSFWRLVYHIKIDGVEDMLLELLPDD

TRTRPLE - GFP Tag - V

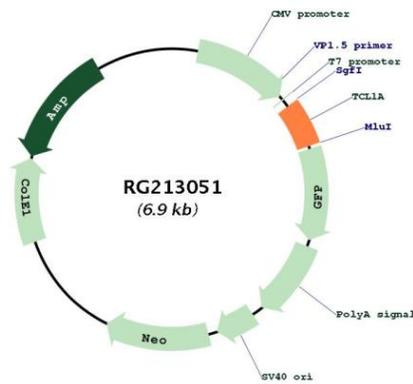
Restriction Sites: Sgfl-MluI



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Locus ID: 8115
UniProt ID: [P56279](#)
Cytogenetics: 14q32.13
Protein Families: Druggable Genome
Gene Summary: Overexpression of the TCL1 gene in humans has been implicated in the development of mature T cell leukemia, in which chromosomal rearrangements bring the TCL1 gene in close proximity to the T-cell antigen receptor (TCR)-alpha (MIM 186880) or TCR-beta (MIM 186930) regulatory elements (summarized by Virgilio et al., 1998 [PubMed 9520462]). In normal T cells TCL1 is expressed in CD4-/CD8- cells, but not in cells at later stages of differentiation. TCL1 functions as a coactivator of the cell survival kinase AKT (MIM 164730) (Laine et al., 2000 [PubMed 10983986]).[supplied by OMIM, Jul 2010]

Product images:



Circular map for RG213051