

Recombinant Human TCL1A, T7-tagged

Cat. No. TCL1A-2903H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TCL1A (1-114 aa) is expressed in E.Coli with a T7 tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-114 a.a.
Description	TCL1A, also known as T-cell leukemia/lymphoma 1A, is a protein with a suggested role in intracellular regulation of T cell signaling. TCL1A binds to the pleckstrin homology domain of Akt (protein kinase B) family proteins, which facilitates Akt dimerization and activity. By increasing Akt activity TCL1A may enhance the serine/threonine phosphorylation of major Akt signaling substrates, such as Ikk complex, mTOR, BAD, p70S6 kinase, FOXO transcription factors, and GSK3b. These substrates regulate cellular differentiation, growth, survival, and metabolism.
MW	13460 Da.
Purity	95%.
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100.0.002% NaN3. 10mM DTT.
Application	MS. SDS.

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GENE INFORMATION

Synonyms TCL1A; T-cell leukemia/lymphoma 1A; TCL1; T-cell lymphoma-1; T-cell lymphoma-1A; TCL-1; Oncogene TCL1; Protein p14 TCL1

Gene ID 8115

mRNA Refseq NM_001098725

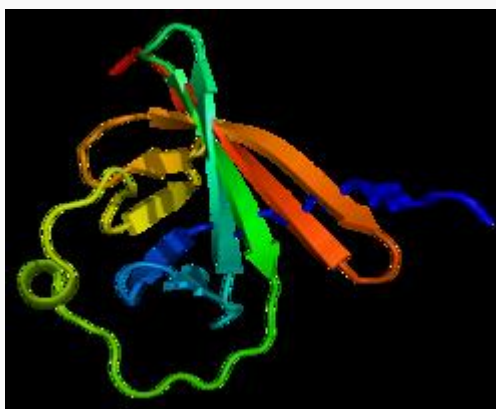
Protein Refseq NP_001092195

MIM 186960

UniProt ID P56279

Chromosome Location 14q32.1

Function protein binding



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