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TCL1A, 1-114 aa, Human, Recombinant, E.coli

产品货号: TP04170

第三版

**别名:**TCL1, TCL-1, protein p14TCL1, Oncogene TCL1, T-cell leukemia/lymphoma 1A anti TCL1A, P14 TCL1, P14 TCL1 protein, T cell leukemia 1, T cell lymphoma 1, T cell lymphoma 1A, TCL 1 protein, TCL1 oncogene, TCL1 PEN, TCL1A, TCL1A.

**描述:**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. Recombinant TCL1A protein was expressed in E.coli and purified by using conventional chromatography techniques

**配方:**Liquid. In 50mM Tris-HCl buffer (pH7.5) containing 10% glycerol

**分子量:**13.4 kDa (114aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)

**序列:**

MAECPTLGEAVTDHPDRLWAWKEFVYLDEKQHAWLPLTIEIKDRLQLRVLLRREDVVLGRPMTPTQIGPSLLPIMWQLYP  
DGRYRSSDSSFWRVLVYHIKIDGVEDMLLELLPDD

**纯度:**> 95% by HPLC

**浓度:**1 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.