

Recombinant Human TCL1A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TCL1A-1194H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TCL1A MS Standard C13 and N15-labeled recombinant protein (NP_001092195) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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 or TCR-beta regulatory elements. 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.
Molecular Mass	13.5 kDa
AA Sequence	MAECPTLGEAVTDHPDRLWAWKEFVYLDEKQHAWLPLTIEIKDRLQLRVLLRREDV VLGRPMTPTQIGPSLLPIMWQLYPDGRYRSSDSSFWRVLVYHIKIDGVEDMLLELLPD DTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

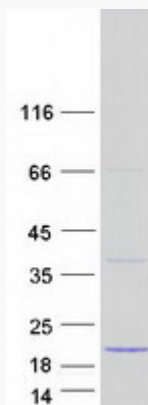
GENE INFORMATION

Gene Name	TCL1A T-cell leukemia/lymphoma 1A [Homo sapiens (human)]
Official Symbol	TCL1A
Synonyms	TCL1A; T-cell leukemia/lymphoma 1A; T-cell leukemia/lymphoma protein 1A; TCL1; oncogene TCL1; oncogene TCL-1; protein p14 TCL1; T-cell lymphoma-1; T-cell lymphoma-1A;
Gene ID	8115
mRNA Refseq	NM_001098725
Protein Refseq	NP_001092195
MIM	186960
UniProt ID	P56279

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SDS-PAGE

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