Product datasheet for AR09274PU-L

TCL1A / TCL1 (1-114) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	TCL1A / TCL1 (1-114) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MAECPTLGEA VTDHPDRLWA WEKFVYLDEK QHAWLPLTIE IKDRLQLRVL LRREDVVLGR PMTPTQIGPS LLPIMWQLYP DGRYRSSDSS FWRLVYHIKI DGVEDMLLEL LPDD
Predicted MW:	13.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid in. Phosphate-Buffered Saline (pH 7.4)
Preparation:	Liquid purified protein
Protein Description:	Recombinant TCL1A protein was expressed in E.coli and purified by using conventional chromatography techniques.
Note:	(Real molecular weight on SDS-PAGE will be shift up).
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001092195
Locus ID:	8115
UniProt ID:	P56279, A0A024R6G5
Cytogenetics:	14q32.13
Synonyms:	TCL1

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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]

Protein Families: Druggable Genome

Product images: