

Recombinant Rat Tcl1a Protein, His-tagged

Cat. No. Tcl1a-2119R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tcl1a Protein (Ala6-Glu112) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala6-Glu112
Description	Predicted to enable identical protein binding activity; protein kinase binding activity; and protein serine/threonine kinase activator activity. Predicted to be involved in several processes, including cellular response to tumor necrosis factor; positive regulation of mitochondrial membrane potential; and positive regulation of protein phosphorylation. Predicted to act upstream of or within negative regulation of gene expression; regulation of stem cell population maintenance; and stem cell population maintenance. Predicted to be located in several cellular components, including cell cortex; endoplasmic reticulum; and nucleus. Predicted to be part of protein-containing complex. Orthologous to human TCL1A (TCL1 family AKT coactivator A).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.9 kDa
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

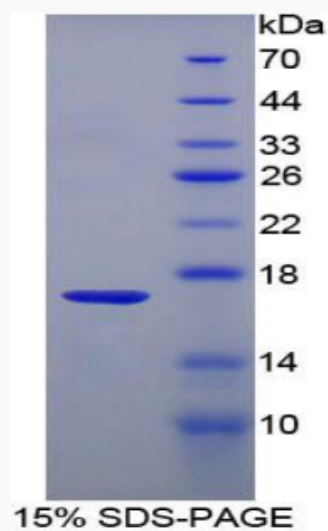
GENE INFORMATION

Gene Name	Tcl1a T-cell leukemia/lymphoma 1A [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Tcl1a
Synonyms	TCL1A; T-cell leukemia/lymphoma 1A; T-cell leukemia/lymphoma protein 1A; T-cell lymphoma breakpoint 1; T-cell leukemia/lymphoma protein 1A (P14 TCL1 protein) (TCL1 oncogene) (TCL-1 protein); Tcl1;
Gene ID	690575
mRNA Refseq	NM_001109601
Protein Refseq	NP_001103071
UniProt ID	D3ZWG3

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