

## Recombinant Human TAL1 Protein, His-tagged

Cat. No. TAL1-2749H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TAL1 Protein (Pro29-Arg331) with a N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Pro29-Arg331
<b>Description</b>	Enables several functions, including DNA-binding transcription factor activity; E-box binding activity; and histone deacetylase binding activity. Involved in several processes, including myeloid cell differentiation; positive regulation of cellular component organization; and positive regulation of erythrocyte differentiation. Located in chromatin and nucleoplasm. Part of transcription regulator complex. Implicated in acute lymphoblastic leukemia.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 35 kDa Accurate Molecular Mass: 35 kDa
<b>Endotoxin</b>	<1.0 EU per 1g (determined by the LAL method).
<b>Purity</b>	> 90%

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<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	TAL1 T-cell acute lymphocytic leukemia 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TAL1
<b>Synonyms</b>	TAL1; T-cell acute lymphocytic leukemia 1; TCL5; T-cell acute lymphocytic leukemia protein 1; bHLHa17; SCL; tal-1 product; stem cell protein; T-cell leukemia/lymphoma protein 5; class A basic helix-loop-helix protein 17; tal-1;
<b>Gene ID</b>	6886
<b>mRNA Refseq</b>	NM_003189
<b>Protein Refseq</b>	NP_003180
<b>MIM</b>	187040

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UniProt ID

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