

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



TAL1 (G116) Peptide

Cat No.: BS3772P

Background

Activation of TAL1 characterizes up to 60% of cases of human T cell acute lymphoblastic leukemia, making it the most frequent gain-of-function mutation observed in this disorder. TAL1 (also designated SCL) is a serine phosphoprotein and basic helix-loop-helix transcription factor known to regulate embryonic hematopoiesis. This transcription factor binds as a heterodimer with E2A and HEB/HTF4 to a nucleotide sequence motif termed the E-box. In addition, leukemogenesis is accelerated dramatically by transgenic co-expression of TAL1 and the catalytic subunit of casein kinase IIalpha, a serine/ threonine protein kinase known to modulate the activity of other bHLH transcription factors.

Swiss-Prot

P17542

Applications

Blocking

Specificity

This peptide can be used with studies using BS3772 TAL1 (G116) pAb.

Purification & Purity

Synthetic peptide TAL1 (G116). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.