

## TCF3 抗原（重组蛋白）

中文名称： TCF3 抗原（重组蛋白）

英文名称： TCF3 Antigen (Recombinant Protein)

别名： transcription factor 3; E2A; E47; p75; AGM8; ITF1; VDIR; TCF-3; bHLHb21

储存： 冷冻（-20℃）

相关类别： 抗原

### 概述

Fusion protein corresponding to a region derived from 450-654 amino acids of human TCF3

### 技术规格

<b>Full name:</b>	transcription factor 3
<b>Synonyms:</b>	E2A; E47; p75; AGM8; ITF1; VDIR; TCF-3; bHLHb21
<b>Swissprot:</b>	P15923
<b>Gene Accession:</b>	BC110580
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene encodes a member of the E protein (class I) family of helix-loop-helix transcription factors. E proteins activate transcription by binding to regulatory E-box sequences on target genes as heterodimers or homodimers, and are inhibited by heterodimerization with inhibitor of DNA-binding (class IV) helix-loop-helix proteins. E proteins play a critical role in lymphopoiesis, and the encoded protein is required for B and T lymphocyte development. Deletion of this gene or diminished activity of the encoded protein may play a role in lymphoid malignancies. This gene is also involved in several chromosomal translocations that are associated with lymphoid malignan

cies including pre-B-cell acute lymphoblastic leukemia (t(1;19), with PBX1), childhood leukemia (t(19;19), with TFPT) and acute leukemia (t(12;19), with ZNF384). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 9.