

CBFA2T2 抗原（重组蛋白）

中文名称：CBFA2T2 抗原（重组蛋白）

英文名称：CBFA2T2 Antigen (Recombinant Protein)

别名：EHT; p85; MTGR1; ZMYND3

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 405-604 amino acids of human CBFA2T2

技术规格：

Full name:	CBFA2/RUNX1 translocation partner 2
Synonyms:	EHT; p85; MTGR1; ZMYND3
Swissprot:	O43439
Gene Accession:	BC040344
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	In acute myeloid leukemia, especially in the M2 subtype, the t(8;21) (q22;q22) translocation is one of the most frequent karyotypic abnormalities. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1 (AML1) gene fused to the 3'-region of the CBFA2T1 (MTG8) gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block

ck hematopoietic differentiation. The protein encoded by this gene binds to the AML1-MTG8 complex and may be important in promoting leukemogenesis. Several transcript variants are thought to exist for this gene, but the full-length natures of only three have been described.