

Recombinant Human CBFA2T2

Catalog No: #GP13434



Package Size: #GP13434-1 100ug

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Description

Product Name	Recombinant Human CBFA2T2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 405-604 amino acids of human CBFA2T2
Target Name	CBFA2/RUNX1 translocation partner 2
Other Names	EHT; p85; MTGR1; ZMYND3
Accession No.	Swissprot:O43439Gene Accession:BC040344
Uniprot	O43439
GeneID	9139;
Storage	-20~-80°C, pH 7.6 PBS

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 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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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