

# Recombinant Full Length Human CBFA2T3 Protein, GST-tagged

**Cat. No.** CBFA2T3-2756HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CBFA2T3 full-length ORF (AAH62624.1, 1 a.a. - 615 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 615 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | This gene encodes a member of the myeloid translocation gene family which interact with DNA-bound transcription factors and recruit a range of corepressors to facilitate transcriptional repression. The t(16;21)(q24;q22) translocation is one of the less common karyotypic abnormalities in acute myeloid leukemia. The translocation produces a chimeric gene made up of the 5'-region of the runt-related transcription factor 1 gene fused to the 3'-region of this gene. This gene is also a putative breast tumor suppressor. Alternative splicing results in transcript variants. [provided by RefSeq, Nov 2010] |
| <b>Molecular Mass</b>   | 93.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MPASRLRDRAASSASGSTCGSMSQTHPVLESGLLASAGCSAPRGPRKGGPAPVDR<br>KAKASAMPDSPAIEVKTQPRSTPPSPMPPPPPAASQGATRPPSFTPHTLMNGSSHSP<br>TAINGAPCTPNGFSNGPATSSSTASLSTQHLPPACGARQLSKLKRFLTTLQQFGSDIS<br>PEIGERVRTLVLGLVNSTLTIEEFHSKLQEATNFPLRPFVIPFLKANLPLLQRELLHCA                                                                                                                                                                                                                                                                                                                                                                          |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RLAKQTPAQYLAQHEQLLLLDASASSPIDSSSELLLEVNENGKRRTPDRTKENGSDRDP  
LHPQRYSPSNGPPQPTPPPHYRLEDIAMAHHFRDAYRHPDPRELREHRPLVVPGS  
RQEEVIDHKLTEREWAEWKLNNLLNCIMDMVEKTRRSLTVLRRQCQADREELNH  
WARRYSDAEDTKKGPAPAAARPRSSSAGPEGPQLDVPREFLPRTLGTGYVPEDIWR  
KAEAVNEVKRQAMSELQKAVSDAERKAHELITTERAKMERALAEAKRQASEDAL  
VINQQEDSSCWNCGRKASETCSCGNAARYCGSFCQHRDWEKHHHVCGQSLQ  
GPTAVVADPVPGPPEAAHSLGPSLPVGAASPSEAGSAGPSRPGSPSPGPLDTVP  
R

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**
**Gene Name**

CBFA2T3 core-binding factor, runt domain, alpha subunit 2; translocated to, 3 [ Homo sapiens ]

**Official Symbol**

CBFA2T3

**Synonyms**

CBFA2T3; core-binding factor, runt domain, alpha subunit 2; translocated to, 3; protein CBFA2T3; MTG16; MTGR2; myeloid translocation gene 8 and 16b; ZMYND4; MTG8-related gene 2; MTG8-related protein 2; zinc finger MYND domain-containing protein 4; myeloid translocation gene on chromosome 16 protein; ETO2;

**Gene ID**

863

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                |           |
|----------------|-----------|
| mRNA Refseq    | NM_005187 |
| Protein Refseq | NP_005178 |
| MIM            | 603870    |
| UniProt ID     | O75081    |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA