

Recombinant Full Length Human CBFA2T3 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CBFA2T3 full-length ORF (AAH62624.1, 1 a.a. - 615 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	615 amino acids
Description	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]
Molecular Mass	93.3 kDa
AA Sequence	MPASRLRDRAASSASGSTCGSMSQTHPVLESGLLASAGCSAPRGPRKGGPAPVDR KAKASAMPDSPAIEVKTQPRSTPPSPMPPPPPAASQGATRPPSFTPHTLMNGSSHSP TAINGAPCTPNGFSNGPATSSSTASLSTQHLPPACGARQLSKLKRFLTTLQQFGSDIS PEIGERVRTLVLGLVNSTLTIEEFHSKLQEATNFPLRPFVIPFLKANLPLLQRELLHCA

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RLAKQTPAQYLAQHEQLLLDASASSPIDSSSELLLEVNENGKRRTPDRTKENGSDRDP
LHPQRYSPSNGPPQPTPPPHYRLEDIAMAHHFRDAYRHPDPRELRRHRPLVVPGS
RQEEVIDHKLTEREWAEWKLNNLLNCIMDMVEKTRRSLTVLRRCQEADREELNH
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

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mRNA Refseq	NM_005187
Protein Refseq	NP_005178
MIM	603870
UniProt ID	O75081

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