

Product datasheet for TP312257

CBFA2T3 (NM_005187) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human core-binding factor, runt domain, alpha subunit 2; translocated to, 3 (CBFA2T3), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212257 protein sequence Red=Cloning site Green=Tags(s)

MPASRLRDRAASSASGSTCGSMSQTHPVLESGLLASAGCSAPRGPRKGGPAPVDRKAKASAMPDSPAEVK
TQPRSTPPSMPPPPPAASQGATRPPSFTPHTHREDGPATLPHGRFHGCLKWSMVCLLMNGSSHSPTAING
APCTPNGFSNGPATSSTASLSTQHLPPACGARQLSKLKRFLTTLQQFGSDISPEIGERVRTLVLGLVNST
LTIEEFHSKLQEATNFPLRPLVIPFLKANLPLLQRELLHCARLAKQTPAQYLAQHEQLLLDASASSPIDS
SELLLEVNENGRRTPDRTKENGSDRDPLHPEHLSKRPCTLNPAQRYSPSNGPPQPTPPPHYRLEDIAMA
HHFRDAYRHPDPRELRRHRPLVVPGSRQEEVIDHKLTEREWAEWKLNNLLNCIMDMVEKTRRSLTVL
RRCQEADREELNHWARRYSDAEDTKKGPAPAAARPRSSSAGPEGPQLDVPREFLPRTLTGYVPEDIWRKA
EEAVNEVKRQAMSELQKAVSDAERKAHELITTERAKMERALAEAKRQASEDALTVINQQEDSSESCWNCG
RKASETCSGCNAARYCGSFCQHRDWEKHHHVCQSQLQGPTAVVADPVPGPPEAAHSLGPSLPVGAASPSE
AGSAGPSRPGSPSPGGLDTPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

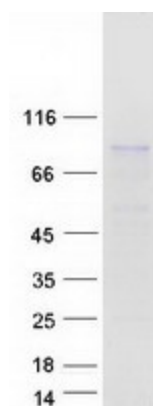
Tag:	C-Myc/DDK
Predicted MW:	71 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_005178
Locus ID:	863
UniProt ID:	O75081
RefSeq Size:	4372
Cytogenetics:	16q24.3
RefSeq ORF:	1959
Synonyms:	ETO2; MTG16; MTGR2; RUNX1T3; ZMYND4
Summary:	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]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified CBFA2T3 protein (Cat# TP312257). The protein was produced from HEK293T cells transfected with CBFA2T3 cDNA clone (Cat# [RC212257]) using MegaTran 2.0 (Cat# [TT210002]).