

Product datasheet for PH312257

CBFA2T3 (NM_005187) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CBFA2T3 MS Standard C13 and N15-labeled recombinant protein (NP_005178)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212257
Predicted MW:	71.2 kDa
Protein Sequence:	>RC212257 protein sequence Red=Cloning site Green=Tags(s)

MPASRLRDRAASSASGSTCGSMSQTHPVLESGLLASAGCSAPRGPRKGGPAPVDRKAKASAMPDSPAIEVK
TQPRSTPPSMPPPPAASQGATRPFSFPHTHREDGPATLPHGRFHGCLKWSMVCLLMNGSSHSPTAING
APCTPNGFSNGPATSSASLSTQHLPPACGARQLSKLKRFLTTLQQFGSDISPEIGERVRTLVLGLVNST
LTIEEFHSKLQEATNFPLRPLVIPFLKANLPLLQRELLHCARLAKQTPAQYLAQHEQLLLDASASSPIDS
SELLLEVNENGRRTPDRTKENGSDRDLHPEHL SKRPCTLNPAQRYSPSNGPPQPTPPPHYRLEDIAMA
HHFRDAYRHPDREL RERHRPLVVPGRQEEVIDHKLTEREWAEEWKHLNLLNLCIMDMVEKTRRSLTVL
RRCQEAADREELNHWARRYSDAEDTKKGPAPAAARPRSSSAGPEGPQLDVPREFLPRTL TGYVPEDIWRKA
EEAVNEVKRQAMSELQKAVSDAERKAHELITTERAKMERALAEAKRQASEDALTVINQQEDSSESCWNCG
RKASETCSGCNAARYCGSFCQHRDWEKHHHVCGQSLQGPTAVVADPVPGPPEAAHSLGPSPVGAASPSE
AGSAGSPRPGSPSPGPLDTPVR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005178</u>
RefSeq Size:	4372



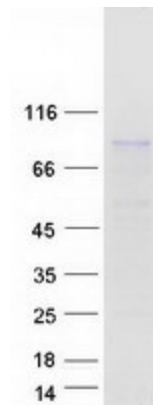
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RefSeq ORF:	1959
Synonyms:	ETO2; MTG16; MTGR2; RUNX1T3; ZMYND4
Locus ID:	863
UniProt ID:	O75081
Cytogenetics:	16q24.3

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]).