

Product datasheet for TP509247

Cbfa2t2 (NM_009823) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse CBFA2/RUNX1 translocation partner 2 (Cbfa2t2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR209247 protein sequence
Red=Cloning site **Green**=Tags(s)

MVGVPGAAAFQLGCEKRVAMPSPVEVKIQSRSSPIMPPLPPINPGGPRPVSFTPTALSNGINHSPT
LNGAPSPQRFNSNGPASSTSSALTNQQLPATCGARQLSKLRFLTLQQFGNDISPEIGEKVRTLVLALV
NSTVTIEEFHCKLQEATNFPLRPFVIPFLKANLPLLQRELLHCARAQKQTPSQYLAQHEHLLNNTSIASP
ADSELLMEVHGNGKRPSERRDENNFERDTPPEPPAKRVCTISPAPRHSPALTVPLMNPGGQFHPTPP
PLQHYLTEDIATSHLYREPKNMLEHREVRERHHNLSLNGGYQDELVDHRLTEREWADEWKHLDHALNCIM
EMVEKTRRSMAVLRRCQESDREELNYWKRRFNENTELRKTGTSLVSRQHSPGSTDLSNDSQREFTSRPA
TGYPVVEFWKTEEAVNKVKIQAMSEVQKAVAEAEQKAFEVIATERARMEQTIADVQRQAEDAFLVINE
QEESTENCWNCGRKASETCSGCNIARYCGSFCQHDKDWERHHRLCGQSLHGHSPHSQSRPLLPGGGRSARS
ADCSVPSPALDKTSATTSRSSTPASVTAIDANGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 65.9 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
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 after receiving vials.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	NP_033953
Locus ID:	12396
UniProt ID:	Q70374 , Q3UGB2 , A0A0R4J1D5
RefSeq Size:	6097
Cytogenetics:	2 H1
RefSeq ORF:	1785
Synonyms:	A430091M07; C330013D05Rik; Cbfa2t2h; MTGR1
Summary:	<p>Transcriptional corepressor which facilitates transcriptional repression via its association with DNA-binding transcription factors and recruitment of other corepressors and histone-modifying enzymes. Via association with PRDM14 is involved in regulation of embryonic stem cell (ESC) pluripotency. Involved in primordial germ cell (PCG) formation (PubMed:27281218). Stabilizes PRDM14 and OCT4 on chromatin in a homooligomerization-dependent manner. Can repress the expression of MMP7 in a ZBTB33-dependent manner (By similarity). Through heteromerization with CBFA2T3/MTG16 may be involved in regulation of the proliferation and the differentiation of erythroid progenitors by repressing the expression of TAL1 target genes (PubMed:19799863). Required for the maintenance of the secretory cell lineage in the small intestine (PubMed:16227606). Can inhibit Notch signaling probably by association with RBPJ and may be involved in GFI1-mediated Paneth cell differentiation (PubMed:25398765). [UniProtKB/Swiss-Prot Function]</p>