



Recombinant Human Protein CBFA2T3 (CBFA2T3)

Product Code	CSB-MP004576HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75081
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p>MPASRLRDRA ASSASGSTCG SMSQTHPVLE SGLLASAGCS APRGPRKGGP APVDRKAKAS AMPDSPAEVK TQPRSTPPSM PPPPAASQG ATRPPSFTPH THREDGPATL PHGRFHGCLK WSMVCLLMNG SSHSPTAING APCTPNGFSN GPATSSTASL STQHLPPACG ARQLSKLKRF LTTLLQQFGSD ISPEIGERVV TLVLGLVNST LTIEEFHSKL QEATNFPLRP FVIPFLKANL PLLQRELLHC ARLAKQTPAQ YLAQHEQLLL DASASSPIDS SELLLEVNEN GKRRTPDRTK ENGSDRDPLH PEHLKRPCT LNPAQRYSPS NGPPQPTPPP HYRLEDIAMA HHFRDAYRHP DPRELRRERHR PLVVPGRSQR EVIDHKLTER EWAEWVKHLN NLLNCIMDMV EKTRRSLTVL RRCQEQADREE LNHWARRYSD AEDTKKGPAP AAARPRSSSA GPEGPQLDVP REFLPRTLGT YVPEDIWRKA EEAVNEVKRQ AMSELQKAVS DAERKAHELI TTERAKMERA LAEAKRQASE DALTVINQQE DSEESCWNCG RKASETCSGC NAARYCGSFC QHRDWEKHHH VCGQSLQGPT AVVADPVPGP PEAHSLGSP LPVGAASPSE AGSAGPSRPG SPSPPGPLDT VPR</p>
Source	Mammalian cell
Target Names	CBFA2T3
Protein Names	Recommended name: Protein CBFA2T3 Alternative name(s): MTG8-related protein 2 Myeloid translocation gene on chromosome 16 protein Short name= hMTG16 Zinc finger MYND domain-containing protein 4
Expression Region	1-653
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	The t(16;21)(q24;q22) translocation is a rare but recurrent chromosomal abnormality associated with therapy-related myeloid malignancies. The translocation produces a chimeric gene made up of the 5'-region of the AML1 gene fused to the 3'-region of this gene. In addition, this gene is a putative breast tumor suppressor. Two transcript variants encoding different isoforms have been found for this gene, and a brefeldin A-sensitive association of RII-alpha protein with one of the isoforms has been demonstrated in the Golgi



apparatus.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.