

Recombinant Human CBFA2T2 293 Cell Lysate

Cat. No. CBFA2T2-7817HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for core-binding factor, runt domain, alpha subunit 2; translocated to, 2 (CBFA2T2), transcript variant 4 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name CBFA2T2 core-binding factor, runt domain, alpha subunit 2; translocated to, 2 [Homo sapiens]

Official Symbol CBFA2T2

Synonyms CBFA2T2; core-binding factor, runt domain, alpha subunit 2; translocated to, 2; protein CBFA2T2; MTGR1; ZMYND3; MTG8-like protein; MTG8-related protein 1; ETO homolog on chromosome 20; ETO homologous on chromosome 20; myeloid translocation-related protein 1; myeloid translocation gene-related protein 1; EHT; p85; DKFZp313F2116;

Gene ID 9139

mRNA Refseq NM_001032999

Protein Refseq NP_001028171

MIM 603672

UniProt ID O43439

Chromosome Location 20q11

Function metal ion binding; protein binding; sequence-specific DNA binding transcription factor

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activity; transcription corepressor activity; transcription corepressor activity; zinc ion binding;

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