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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CBFB 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000865-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

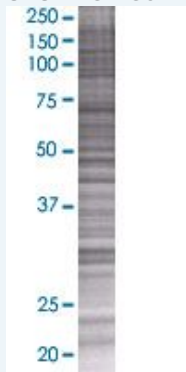
Plasmid: pCMV-CBFB full-length

Host: Human

Theoretical MW (kDa): 20.68

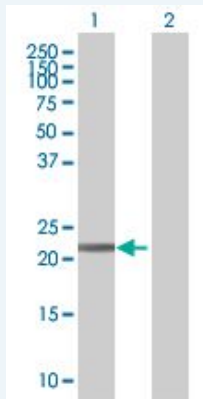
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CBFB antibody (H00000865-B01) by Western Blots.

SDS-PAGE Gel



CBFB transfected lysate.

Western Blot



Lane 1: CBFB transfected lysate (20.68 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [865](#)

GeneBank Accession#: [NM_022845.2](#)

Protein Accession#: [NP_074036.1](#)

Gene Name: CFBF

Gene Alias: PEBP2B

Gene Description: core-binding factor, beta subunit

Omim ID: [121360](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is the beta subunit of a heterodimeric core-binding transcription factor belonging to the PEBP2/CBF transcription factor family which master-regulates a host of genes specific to hematopoiesis (e.g., RUNX1) and osteogenesis (e.g., RUNX2). The beta subunit is a non-DNA binding regulatory subunit; it allosterically enhances DNA binding by alpha subunit as the complex binds to the core site of various enhancers and promoters, including murine leukemia virus, polyomavirus enhancer, T-cell receptor enhancers and GM-CSF promoters. Alternative splicing generates two mRNA variants, each encoding a distinct carboxyl terminus. In some cases, a pericentric inversion of chromosome 16 [inv(16)(p13q22)] produces a chimeric transcript consisting of the N terminus of core-binding factor beta in a fusion with the C-terminal portion of the smooth muscle myosin heavy chain 11. This chromosomal rearrangement is associated with acute myeloid leukemia of the M4Eo subtype. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations: SL3-3 enhancer factor 1 beta subunit,SL3/AKV core-binding factor beta subunit,polyomavirus enhancer binding protein 2, beta subunit

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