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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CBFA2T2 (Human) Recombinant Protein (P01)

Catalog Number: H00009139-P01

Regulation Status: For research use only (RUO)

Product Description: Human CBFA2T2 full-length ORF (AAH40344, 1 a.a. - 614 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGFHHVGGQARLELLTSGDLPALASQRAGITVGPEKRV
PAMPGSPVEVKIQSRSSPPTMPPLPPINPGGPRPVSF
TPTALSNGINHSPPTLNGAPSPPPQRFSSNGPASSTSSAL
TNQQLPATCGARQLSKLKRFLTTLQQFGNDISPEIGEK
VRTLVLALVNSTVTIEEFHCKLQEATNFPLRPFVIPFLK
ANLPLLQRELLHCARAQKTPSQYLAQHEHLLNLSIA
SPADSELLMEVHGNKRPSPERRENSFDRDIAPE
PPAKRVCTISPAPRHSPALTVPLMNPGGQFHPTPPPL
QHYTLEDIATSHLYREPKNMLEHREVRDRHHSGLNG
GYQDELVDHRLTEREWADEWKHLDHALNCIMEMVEK
TRRSMVLRRCQGSREELNYWKRRYNENTELRKTG
TELVSRQHSPGSADSLNSDSQREFNSRPGTGYVPVE
FWKKTEEAVNKVKIQAMSEVQKAVAEAEQKAFEVIATE
RARMEQTIADVQRQAEDAFLVINEQEESTENCWNCG
RKASETCSGCNIARYCGSFCQHKDWERHHRLCGQNL
HGQSPHGQGRPLLVPVGRGSSARSADCSVPSPALDKT
SATTSRSSTPASVTAIDTNGL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 93.28

Interspecies Antigen Sequence: Mouse (95); Rat (94)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

Entrez GeneID: 9139

Gene Symbol: CBFA2T2

Gene Alias: DKFZp313F2116, EHT, MTGR1, ZMYND3

Gene Summary: In acute myeloid leukemia, especially in the M2 subtype, the t(8;21)(q22;q22) translocation is one of the most frequent karyotypic abnormalities. The translocation produces a chimeric gene made up of the 5'-region of the RUNX1 (AML1) gene fused to the 3'-region of the CBFA2T1 (MTG8) gene. The chimeric protein is thought to associate with the nuclear corepressor/histone deacetylase complex to block hematopoietic differentiation. The protein encoded by this gene binds to the AML1-MTG8 complex and may be important in promoting leukemogenesis. Several transcript variants are thought to exist for this gene, but the full-length natures of only three have been described. [provided by RefSeq]