

Datasheet for ABIN7562458  
**CBFA2T3 Protein (AA 1-620) (His tag)**



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CBFA2T3
Protein Characteristics:	AA 1-620
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CBFA2T3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Cbfa2t3 Protein expressed in mammalien cells.
Sequence:	MSQASTTTLE SGALLSGPRG LQYGSPAHRK EKAAAMPDSP AEVKTQPRST PPSMPPPPPT SSQGATRPPS FTPHTHGEDG PATSLPHGRF HGCLKWSMVC LLMNGSSHSP TAIHGAPSTP NGFSNGPATS STASLSTQHL PPACGARQLS KLRFLTTLQ QFGSDISPEI GERVRTLVLG LVNSTLTIEE FHAQLQEATN FPLRPFVIPF LKANLPLLQR ELLHCARLAK QTPAQYLAQH EQLLLDASAT SPVDSSELLL EVNENGRRT PDRTKENGSD RDPLHPDHLS KRSC TLSPAQ RCSPSNGLPH PTPPPPPHYR LEDMAMAHHF RDSYRHPDPR ELRERHRPLA IPGSRQEEVI DHRLTEREWA EEWKHLNSLL NCIMDMVEKT RRSLTVLRRC QEADREELNH WIRCYS DSEE GKKGPTPISA RSLNSCSGPE GSQLDVHRDF TPRTLSGYMP EEIWRKAEAA VNEVKRQAMS ELQKAVSDAE RKAHELITTE RAKMERALAE AKRQASEDAL TVINQQEDSS ESCWNCGRKA SETCSGCNAA RYCGSFCQHK DWEKHHHVCG QSLQGPAAAV ADPLPGQPDA TASPSEAGSA GPSRPCSPGP PGPLDAAVPR <b>Sequence without tag. The proposed Purification-Tag is based</b>

**on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	CBFA2T3
Alternative Name:	Cbfa2t3 (CBFA2T3 Products)
Background:	<p>Protein CBFA2T3 (Eight twenty one protein 2) (MTG8-related protein 2) (Protein ETO-2),FUNCTION: Transcriptional corepressor which facilitates transcriptional repression via its association with DNA-binding transcription factors and recruitment of other corepressors and histone-modifying enzymes. Can repress the expression of MMP7 in a ZBTB33-dependent manner. Reduces the protein levels and stability of the transcriptional regulator HIF1A, interacts with EGLN1 and promotes the HIF1A prolyl hydroxylation-dependent ubiquitination and proteasomal degradation pathway. Contributes to inhibition of glycolysis and stimulation of mitochondrial respiration by down-regulating the expression of glycolytic genes including PFKFB3, PFKFB4, PDK1, PFKP, LDHA and HK1 which are direct targets of HIF1A (By similarity). Regulates the proliferation and the differentiation of erythroid progenitors by repressing the expression of TAL1 target genes (PubMed:16407974). Plays a role in granulocyte differentiation</p>

## Target Details

(PubMed:15231665). {ECO:0000250|UniProtKB:O75081, ECO:0000269|PubMed:11533236, ECO:0000269|PubMed:15231665, ECO:0000269|PubMed:16407974}.

Molecular Weight: 68.0 kDa

UniProt: [O54972](#)

## Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months