

Datasheet for ABIN7553348
CEBPE Protein (AA 1-281) (His tag)



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Overview

Quantity:	1 mg
Target:	CEBPE
Protein Characteristics:	AA 1-281
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEBPE protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CEBPE Protein expressed in mammalian cells.
Sequence:	<p>MSHGTYECE PRGGQQPLEF SGGRAGPGEL GDMCEHEASI DLSAYIESGE EQLLSDLFAV KPAPEARGLK GPGTPAFPHY LPPDPRPFAY PPHTFGPDRK ALGPGIYSSP GSYDPRAVAV KEEPRGPEGS RAASRGSYNP LQYQVAHCGQ TAMHLPPTLA APGQPLRVLK APLATAAPPC SPLLKAPSPA GPLHKGKKAV NKDSLEYRLR RERNNI AVRK SRDKAKRRIL ETQQKVLEYM AENERLRSRV EQLTQELDTL RNLFRQIPEA ANLIKGVGGC S Sequence without tag. The proposed Purification-Tag is based 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.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	CEBPE
Alternative Name:	CEBPE (CEBPE Products)
Background:	CCAAT/enhancer-binding protein epsilon (C/EBP epsilon),FUNCTION: Transcriptional activator (PubMed:26019275). C/EBP are DNA-binding proteins that recognize two different motifs: the CCAAT homology common to many promoters and the enhanced core homology common to many enhancers. Required for the promyelocyte-myelocyte transition in myeloid differentiation (PubMed:10359588). {ECO:0000269 PubMed:10359588, ECO:0000269 PubMed:26019275}.
Molecular Weight:	30.6 kDa
UniProt:	Q15744
Pathways:	Cellular Response to Molecule of Bacterial Origin

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.
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Application Details

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