

Datasheet for ABIN3089703

BCLAF1 Protein (AA 1-920) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	1 mg
Target:	BCLAF1
Protein Characteristics:	AA 1-920
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCLAF1 protein is labelled with His tag.
Application:	Crystallization (Crys), ELISA, SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Sequence:	MGRSNSRSHS SRSKRSQSS SRSRSRSHSR KKRYSSRSRS RTYSRSRSRD RMYSRDYRRD YRNNRGMRRP YGYRGRGRGY YQGGGGRYHR GGYRPVWNRR HSRSPRRGRS RSRSPKRRSV SSQSRSRSR RSYRSSRSPR SSSSRSSSPY SKSPVSKRRG SQEKQTKKAE GEPQEEPLK SKSQEEP KDT FEHDPSESID EFNKSSATSG DIWPGLSAYD NSPRSPHSPS PIATPPSQSS SCSDAPMLST VHSKNTPSQ HSHSIQHSPE RSGSGSVGNG SSRYSPSQNS PIHHIPSRRS PAKTIAPQNA PRDESRGRSS FYPDGGDQET AKTGKFLKRF TDEESRVFLL DRGNTRDKEA SKEKGSEKGR AEGEWEDQEA LDYFSDKESG KQKFNDSEGD DTEETEDYRQ FRKSVLADQG KSFATASHRN TEEGLKYKS KVS LKGNRES DGFREEKNYK LKETGYVVER PSTTKDKHKE EDKNSERITV KKETQSPEQV KSEKLKDLFD YSPPLHKNLD AREKSTFREE SPLRIKMIAS DSHRPEVKLK MAPVPLDDSN RPASLTKDRL LASTLVHSVK KEQEFRSIFD HIKLPQASKS TSEFIQHIV SLVHHVKEQY FKSAAMTLNE RFTSYQKATE EHSTRQKSPE IHRRIDISPS TLRKHTRLAG EERVFKENQ KGDKKLRCDs ADLRHDIDRR RKERSKERGD SKGSRESSGS
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Product Details

RKQEKTPKDY KEYKSYKDDS KHKREQDHSR SSSSSASPSS PSSREEKESK KEREFEFKTH
HEMKEYSGFA GVSRRPGTFF RIRGRGRARG VFAGTNTGPN NSNTTFQKRP KEEWDPEYT
PKSKKYFLHD DRDDGVYWA KRGRGRGTFQ RGRGRFNFKK SGSSPKWTHD KYQGDGIVED
EETMENNEE KKDRRKEEKE GSSGHHHHHH

Specificity: C-terminal His-tag

Characteristics:

- Made in Germany - from design to production - by highly experienced protein experts.
- Human BCLAF1 Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This made-to-order protein has already been successfully produced. Please let us know if you are interested in purchasing a smaller amount of this protein. We will check our stock and make you a customized quote in case we can provide this protein in a smaller amount..

When you order this made-to-order protein you will only pay upon receipt of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered.

The concentration of our recombinant proteins is measured using the absorbance at 280nm. The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.

The concentration of the protein is calculated using its specific absorption coefficient. We use the ExPASy's protparam tool to determine the absorption coefficient of each protein.

Purification: Two step purification of proteins expressed in bacterial culture:

1. In a first purification step, the protein is purified from the cleared cell lysate using three different His-tag capture materials: high yield, EDTA resistant, or DTT resistant. Eluate fractions are analyzed by SDS-PAGE.
2. Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.

Purity: >95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.

Sterility: 0.22 µm filtered

Endotoxin Level: Protein is endotoxin free.

Grade: Crystallography grade

Target Details

Target: BCLAF1

Target Details

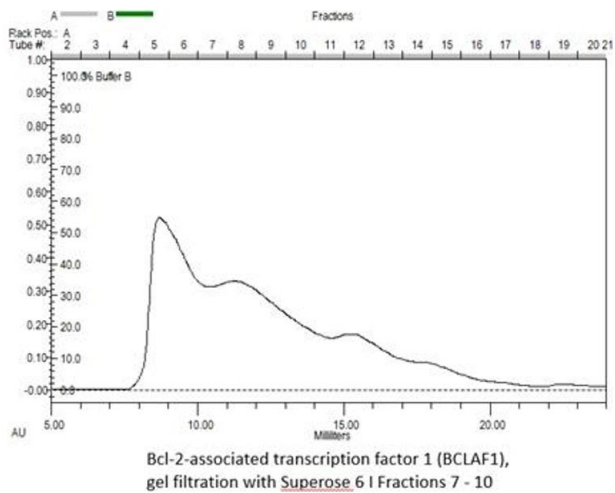
Alternative Name:	BCLAF1 (BCLAF1 Products)
Background:	Death-promoting transcriptional repressor. May be involved in cyclin-D1/CCND1 mRNA stability through the SNARP complex which associates with both the 3'end of the CCND1 gene and its mRNA. {ECO:0000269 PubMed:18794151}.
Molecular Weight:	107.1 kDa Including tag.
UniProt:	Q9NYF8
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

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.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	20 mM Tris, pH 8.3; 1000 mM NaCl; 5 mM EDTA; 2 mM DTT
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	Unlimited (if stored properly)



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1.



Image 2. „Crystallography Grade“ protein due to multi-step, protein-specific purification process