

Datasheet for ABIN3135623

BCL9L Protein (AA 1-1494) (Strep Tag)



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Overview

Quantity:	250 µg
Target:	BCL9L
Protein Characteristics:	AA 1-1494
Origin:	Mouse
Source:	Cell-free protein synthesis (CFPS)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCL9L protein is labelled with Strep Tag.
Application:	ELISA, SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Brand:	AliCE®
Sequence:	<p>MRILANKTRL PHPRRREAPG SPPLSPRGHC PPAPAKPMHP ENKLTNHGKT GNGGAQSQHQ</p> <p>NVNQGPTCNL GSKGVGAGSH GAKANQISPS NSSLKNPQAG VSPFSSLKGK VKRERSVSVD</p> <p>SGEQREAGTP SLDSEAKEVA PRSKRRCVLE RKQPYSGDEW CSGPDSEEDD KPAAAAHNCN</p> <p>VADPAMVTPQ LGPGQTAQLP LSESSAPGPQ HGPQPGLRPD VPGGGGGGVP GKPPSQFVYV</p> <p>FTTHLANTAA EAVLQGRAES ILAYHQQNVP RAKLDQAPKV PPTPEPLPLN TPSAGTPQSQ</p> <p>PPPLPPPPPA PGSAPPALPP EGPPEDTSQD LAPNSVGAAS TGGGTGGTHP NTPTAATANN</p> <p>PLPPGGDPGS APGSALLGEA TPTGNGQRNL VGSEGLSKEQ LEHRERSLQT LRDIERLLLR</p> <p>SGETEPFLKG PPGGAGEGGP PAQAPSAAQP PPSAPPGLK KYEEPLQSMI SQTQSLGGPP</p> <p>LEHEVPGHPQ GGDMGQQMNM MMQRLGQDSL TPEQVAWRKL QEEYYEEKRR KEEQIGLHGG</p> <p>RPLQDMVGMG GMMGRGPPPP YHSKPGDQWP PGMGAQLRGP MDVQDPMQLR PGPPFPGPRF</p> <p>PGNQMQRVPG FGGMQSMPME VPMNAMQRPV RPGMAWNEDL PPIGGPSNFA QNAVYPYGGGQ</p>

GEAERFMTTPR VREELLRHQL LEKRSMGMQR PLGMAGSGMG QSMEMERMIQ AHRQMDPAMF
PGQMTGGDGL AGTPMGIEFG GGRGLLSPPM GQSGLEVDPM PMGPGNLNMN MNVNMNMNMN
LNVQMTPQQQ MLMSQKMRGP GDMMPGQGLS PEEMARVRAQ NSSGMMGGPQ
KMLMPSQFPN QGQQGFSGGQ GPYQAMPQDM GNTPD MFSPD QSSVPMGTVG TARLSHMPLP
PASNPPGSVH LASNRGLGRR PSDLTISINQ MGSPGMGHLK SPTLSQVHSP LVTSPSANLK
SPQTPSQMVP LPSANPPGPL KSPQVLSSSL GVRSP TGSPS RLKSPSMAVP SPGWVASPKT
AMPSPGV SQN KQPPLSINSS STLGNVEQGA LPPSAPRNSS SAPPANPSSG LMNPSLPFTS
SPDPTPSQNP LSLMMSQMSK YAMPSSTPLY HNAIKTIATS DDELLPDRPL LPPPPPPQGS
GPGISNNQPN QMHMNPAAAQ SPMGMNLPGQ QPLSHEPPPT MLPSTPLGS NIPLHPNAQG
TGGSSQNSMM MAPGGPD SLN APCGPVPSSS QMMSFPRLQ QPHGAMAPTG AGGPGLQQHY
PSGMALPPED LPTQPPGPIP PQQHLMGKGM TGRMGDAYPP GVLPGVASVL NDPELSEVIR
PTPTGIPEFD LSRIIPSEKP SSTLQYFPKS ENQPPKAQPP NLHLMNLQNM MAEQTPSRPP
NLPQQQGVQR GLSM SMCHPG QMSLLGRTGV PPQQGMVPHG LHQGVMSPPQ GLMTQQNFML
MKQRGVGGEV YTQPPHMLSP QGSLMGPPPQ QNLMVSHPLR QRSVSLDSQM GYLPTPGSMA
NLPF

Sequence without tag. The proposed Strep-Tag is based on experience s 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:

Key Benefits:

- Made in Germany - from design to production - by highly experienced protein experts.
- Protein expressed with ALiCE® and purified in one-step affinity chromatography
- These proteins are normally active (enzymatically functional) as our customers have reported (not tested by us and not guaranteed).
- 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.

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.

Expression System:

- ALiCE®, our Almost Living Cell-Free Expression System is based on a lysate obtained from *Nicotiana tabacum* c.v.. This contains all the protein expression machinery needed to produce even the most difficult-to-express proteins, including those that require post-translational modifications.

Product Details

- During lysate production, the cell wall and other cellular components that are not required for protein production are removed, leaving only the protein production machinery and the mitochondria to drive the reaction. During our lysate completion steps, the additional components needed for protein production (amino acids, cofactors, etc.) are added to produce something that functions like a cell, but without the constraints of a living system - all that's needed is the DNA that codes for the desired protein!

Concentration:

- The concentration of our recombinant proteins is measured using the absorbance at 280nm.
- The protein's absorbance will be measured against its specific reference buffer.
- We use the Expasy's ProtParam tool to determine the absorption coefficient of each protein.

Purification:	One-step Strep-tag purification of proteins expressed in Almost Living Cell-Free Expression System (ALICE®).
Purity:	> 70-80 % as determined by SDS PAGE, Western Blot and analytical SEC (HPLC).
Grade:	custom-made

Target Details

Target:	BCL9L
Alternative Name:	Bcl9l (BCL9L Products)
Background:	B-cell CLL/lymphoma 9-like protein (B-cell lymphoma 9-like protein) (BCL9-like protein) (BCL9-related beta-catenin-binding protein) (Protein BCL9-2),FUNCTION: Transcriptional regulator that acts as an activator. Promotes beta-catenin transcriptional activity. Plays a role in tumorigenesis. Enhances the neoplastic transforming activity of CTNNB1. {ECO:0000269 PubMed:15371335}.
Molecular Weight:	156.7 kDa
UniProt:	Q67FY2
Pathways:	Stem Cell Maintenance

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

Comment:	<p>ALiCE®, our Almost Living Cell-Free Expression System is based on a lysate obtained from <i>Nicotiana tabacum</i> c.v.. This contains all the protein expression machinery needed to produce even the most difficult-to-express proteins, including those that require post-translational modifications.</p> <p>During lysate production, the cell wall and other cellular components that are not required for protein production are removed, leaving only the protein production machinery and the mitochondria to drive the reaction. During our lysate completion steps, the additional components needed for protein production (amino acids, cofactors, etc.) are added to produce something that functions like a cell, but without the constraints of a living system - all that's needed is the DNA that codes for the desired protein!</p>
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	<p>The buffer composition is at the discretion of the manufacturer.</p> <p>Standard Storage Buffer: PBS pH 7.4, 10 % Glycerol Might differ depending on protein.</p>
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months