Datasheet for ABIN3089934

BCL9L Protein (AA 1-1499) (His tag)

1 Image

Go to Product page

Overview

Quantity:	1 mg
Target:	BCL9L
Protein Characteristics:	AA 1-1499
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCL9L protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), Crystallization (Crys), SDS-PAGE (SDS)

Product Details

Sequence:	MRILANKTRL PHPRRREAPG SPPLSPRGHC PPAPAKPMHP ENKLTNHGKT GNGGAQSQHQ NVNQGPTCNV GSKGVGAGNH GAKANQISPS NSSLKNPQAG VPPFSSLKGK VKRDRSVSVD SGEQREAGTP SLDSEAKEVA PRSKRRCVLE RKQPYSGDEW CSGPDSEEDD KPIGATHNCN VADPAMAAPQ LGPGQTTQLP LSESSVPGAP HGPPPGLRPD APGGGGGGGG VPGKPPSQFV YVFTTHLANT AAEAVLQGRA DSILAYHQQN VPRAKLDQAP KVPPTPEPLP LSTPSAGTPQ SQPPPLPPPP PPAPGSAPPA LPPEGPPEDS SQDLAPNSVG AASTGGGTGG THPNTPTATT ANNPLPPGGD PSSAPGPALL GEAAAPGNGQ RSLVGSEGLS KEQLEHRERS LQTLRDIERL LLRSGETEPF LKGPPGGAGE GGPPAQAPPP PQQPPTAPPS GLKKYEEPLQ SMISQTQSLG GPPLEHEVPG HPPGGDMGQQ MNMMIQRLGQ DSLTPEQVAW RKLQEEYYEE KRRKEEQIGL HGSRPLQDMM GMGGMMVRGP PPPYHSKPGD QWPPGMGAQL RGPMDVQDPM QLRGGPPFPG PRFPGNQIQR VPGFGGMQSM PMEVPMNAMQ RPVRPGMGWT EDLPPMGGPS NFAQNTMPYP GGQGEAERFM TPRVREELLR HQLLEKRSMG MQRPLGMAGS GMGQSMEMER MMQAHRQMDP

AMFPGQMAGG EGLAGTPMGM EFGGGRGLLS PPMGQSGLRE VDPPMGPGNL NMNMNVNMNM NMNLNVQMTP QQQMLMSQKM RGPGDLMGPQ GLSPEEMARV RAQNSSGVMG GPQKMLMPSQ FPNQGQQGFS GGQGPYQAMS QDMGNTQDMF SPDQSSMPMS NVGTTRLSHM PLPPASNPPG TVHSAPNRGL GRRPSDLTIS INQMGSPGMG HLKSPTLSQV HSPLVTSPSA NLKSPQTPSQ MVPLPSANPP GPLKSPQVLG SSLSVRSPTG SPSRLKSPSM AVPSPGWVAS PKTAMPSPGV SQNKQPPLNM NSSTTLSNME QGTLPPSGPR SSSSAPPANP PSGLMNPSLP FTSSPDPTPS QNPLSLMMTQ MSKYAMPSST PLYHNAIKTI ATSDDELLPD RPLLPPPPPP QGSGPGISNS QPSQMHLNSA AAQSPMGMNL PGQQPLSHEP PPAMLPSPTP LGSNIPLHPN AQGTGGPPQN SMMMAPGGPD SLNAPCGPVP SSSQMMPFPP RLQQPHGAMA PTGGGGGGPG LQQHYPSGMA LPPEDLPNQP PGPMPPQQHL MGKAMAGRMG DAYPPGVLPG VASVLNDPEL SEVIRPTPTG IPEFDLSRII PSEKPSSTLQ YFPKSENQPP KAQPPNLHLM NLQNMMAEQT PSRPPNLPGQ QGVQRGLNMS MCHPGQMSLL GRTGVPPQQG MVPHGLHQGV MSPPQGLMTQ QNFMLMKQRG VGGEVYSQPP HMLSPQGSLM GPPPQQNLMV SHPLRQRSVS LDSQMGYLPA PGGMANLPF

Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.

Characteristics:

- Made in Germany - from design to production - by highly experienced protein experts.
- Human BCL9L 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 protein is a made to order protein and will be made for the first time for your order. Our experts in the lab will ensure that you receive a correctly folded 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.

In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).

When you order this made-to-order protein you will only pay upon receival 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

Product Details

	the Expasy's protparam tool to determine the absorption coefficient of each protein.
Purification:	Two step purification of proteins expressed in baculovirus infected SF9 insect cells: 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:	BCL9L
Alternative Name:	BCL9L (BCL9L Products)
Background:	Transcriptional regulator that acts as an activator. Promotes beta-catenin transcriptional activity. Plays a role in tumorigenesis. Enhances the neoplastic transforming activity of CTNNB1 (By similarity). {ECO:0000250}.
Molecular Weight:	158.1 kDa Including tag.
UniProt:	Q86UU0
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 gurantee 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.

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value 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:	Unlimited (if stored properly)

Images

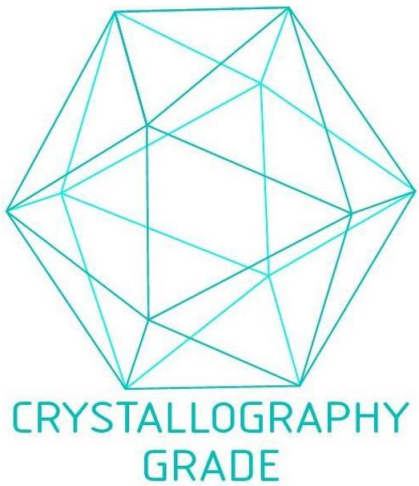

Image 1. „Crystallography Grade“ protein due to multi-step, protein-specific purification process