

Datasheet for ABIN7556341

BCL2L10 Protein (AA 1-191) (His tag)



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Overview

Quantity:	1 mg
Target:	BCL2L10
Protein Characteristics:	AA 1-191
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BCL2L10 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Bcl2l10 Protein expressed in mammalian cells.
Sequence:	<p>MADSQDPLHE RTRRLSDYI FFCAREPDTP EPPPTSVEAA LLRSVTRQIQ QEHQEFFSSF</p> <p>CESRGNRLEL VKQMADKLLS KDQDFSWSQL VMLLAFAGTL MNQGPYMAVK QKRD LGNRVI</p> <p>VTRDCCLIVN FLYNLLMGRR HRARLEALGG WDGFCRFFKN PLPLGFWRRRL LIQAFSLGFF</p> <p>ATAIFFIWKR L 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. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- 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:	BCL2L10
Alternative Name:	Bcl2l10 (BCL2L10 Products)
Background:	Bcl-2-like protein 10 (Bcl2-L-10) (Anti-apoptotic protein Boo) (Apoptosis regulator Bcl-B) (Bcl-2 homolog Diva),FUNCTION: Promotes cell survival by suppressing apoptosis induced by BAX but not BAK (By similarity). Increases binding of AHCYL1/IRBIT to ITPR1 (By similarity). Reduces ITPR1-mediated calcium release from the endoplasmic reticulum cooperatively with AHCYL1/IRBIT under normal cellular conditions (By similarity). Under apoptotic stress conditions, dissociates from ITPR1 and is displaced from mitochondria-associated endoplasmic reticulum membranes, leading to increased Ca(2+) transfer to mitochondria which promotes apoptosis (By similarity). Required for the correct formation of the microtubule organizing center during oocyte cell division, potentially via regulation of protein abundance and localization of other microtubule organizing center components such as AURKA and TPX2 (PubMed:27753540). {ECO:0000250 UniProtKB:Q9HD36, ECO:0000269 PubMed:27753540}.
Molecular Weight:	22.3 kDa
UniProt:	Q9Z0F3
Pathways:	Positive Regulation of Endopeptidase Activity

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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Restrictions:	For Research Use only
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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