

Datasheet for ABIN7563470
CARD10 Protein (AA 1-1021) (His tag)



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Overview

Quantity:	1 mg
Target:	CARD10
Protein Characteristics:	AA 1-1021
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CARD10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Card10 Protein expressed in mammalian cells.
Sequence:	<p>MQGRADAGEA DEEAGAGSGS EAEDALWER IEGVRHRLTR ALNPAKLTPY LRQCRVLDEQ DEEEVLSTYR FPCRANRTGR LIDILRCRGK RGFEAFLEAL EFYYPEHFTL LTGQEPAQRC SMILDEEGPE GLTQFLMTEV RRLREARKSQ LHREQQLQAR GRALEEERAG LEQRLREQQQ AQERCQLRE DWEAGSLELL RLKDENYmia MRLAQLSEEK NSAVLRSRDL QLAVDQLKLK VSRLEEECAL LRRARGPPPG AEEKEREPDG ADLSELRAE NQRLTASLQE LQEGLQQEMS RPGAAGSERI LLDILEHDWR EAQDSRQELC QKLHAVQGEL QWAEELRDYK LQEMEDLRLK HRTLLKDCDL YKHRMATVLA QLEEIEKERD QAIQSRDRIQ LQYSQSLIEK DQYRKQVRGL EAERDELLTT VTSLEGTKAM LEAQLQRTQG GSCLKACASS HSLCSNLSST WSLSEFPSP GGPEATGEAG GSEPHTSEEA TDSEKEINRL SILPFPPSAG SILRRQREED PEPPKRSFSS MSDITGSVTL KPWSPGLSSS SSSDSVWPLG KPEGLLARGC GLDFLNRSLA IRVSGWSPPA GLDPQDKSPD SMPGLGDRWS GAVVRRVLSG PGSARTEQKE PRAEGTGLEG AGLEAEAQQR TLPWNQSSTL PFLLDKACH SFHEALDAWA KGPGAEPFYI RANFSLPERS DPHALCVKAQ</p>

Product Details

EILRLVPAH KRRQEWFCR VDTLTLRDLD RGTVPNYQRA QQLLEVQEKY LISSRHRSPR
SNLKKRALGL VRPKPAGGTA GDSAEQLPAE PCSELESLK PYSLVRPLL SALRPVLLP
ECLAPRLRN LLDLPSSRLD FQVCPAESLS GEEQCTSSAP GAPKAWPATA GLGSRIRAIQ
ESVGKKHCLL ELGARGVREL VHSEVYPIVI HVEVTEKNVR EIRGLGRPG WRDSELLRQC
RGSEQWLWGL PCSWWQVPAH AWGHAEELAK VVRGRILQEQ ARLVWVERGS SRGGSGSSSE A

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.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- 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.
- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CARD10

Alternative Name: Card10 ([CARD10 Products](#))

Background: Caspase recruitment domain-containing protein 10 (Bcl10-interacting MAGUK protein 1) (Bimp1),FUNCTION: Scaffold protein that plays an important role in mediating the activation of NF-kappa-B via BCL10 or EGFR. {ECO:0000269|PubMed:28717989}.

Target Details

Molecular Weight: 114.4 kDa

UniProt: [P58660](#)

Pathways: [S100 Proteins](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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