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Datasheet for ABIN7559923

CDKN2AIP Protein (AA 1-689) (His tag)

Overview

Quantity:	1 mg
Target:	CDKN2AIP
Protein Characteristics:	AA 1-689
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKN2AIP protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Carf Protein expressed in mammalien cells.
Sequence:	MEQRHSLAGN CDDGEKSERE AQGFEHRTCM DSGDPSFGQN DPPTILPITA PKTYDSLTSQ DMPETLTDQ ALHEEQFHLL DQNGQPIQYD LQSLGNSTAQ MTGMEQVAIP QEPFADEHSP QDISEEKPTG VRADVLEDST SNYGLRSPAS LVLPKKAGAR LVEEPLLAPL QPLSCNTPMW ACRLRSCEKI GDSYRGYCVS ETELESVLTF HKQQTQTVWG TRQSPSPAKP ATRLMWKSQY VPYDGIPFVN AGSRAVVMC QYGPRRKGQF LKKISEQESR SCHLYKATCP ARIYIKKVQK FPEYRVPTDP QIDRKIIRLE QEKAFTMLKK NLMDAGGVLR WYVQLPTQQA HQYHESETPG VPLSPSPFPM SPLEEEEAIV RDENCALPSR LHPQVAHKIQ ELVSQGVGQV YAVRKQLRKF VERELFKPDE IPERHNLSYF PTVNDIKNHI HEVQKSLRTG DVVYNSEIIP ATLQWTTDSG NILRETVTVT FAEGNLLGEP IPSKMGTSQT QTAVSPEPLS SFPPKIFTHF QALKLQPRLS SPDGSQALVS VDSHASSSPP GLVDTVGNAE VDNHVSLLGQ SQNPGTDTCL TQDNSTSSST GHLPEVSNP VAEDQLLEGE DVEDAGNPEG SVNRTLLGDV QTVPIQIIDS RPVLVEESLS

Product Details

KNQVKQETNE PTLSTEAKTF LDCKKISAT **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

CDKN2AIP

Alternative Name:

Carf ([CDKN2AIP Products](#))

Background:

Calcium-responsive transcription factor (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 8 protein) (Calcium-response factor) (CaRF),FUNCTION: Acts as a transcriptional activator that mediates the calcium- and neuron-selective induction of BDNF exon III transcription. Binds to the consensus calcium-response element CaRE1 5'-CTATTTTCGAG-3' sequence (By similarity). {ECO:0000250}.

Molecular Weight:

76.4 kDa

UniProt:

[Q8VHI4](#)

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.

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
