

Datasheet for ABIN7546857

CRNN Protein (AA 1-495) (His tag)



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Overview

Quantity:	1 mg
Target:	CRNN
Protein Characteristics:	AA 1-495
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRNN protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CRNN Protein expressed in mammalian cells.
Sequence:	MPQLLQNING IIEAFRRYAR TEGNCTALTR GELKRLLEQE FADVIVKPHD PATVDEVLRRL LDEDHTGTVE FKEFLVLVFK VAQACFKTLS ESAEGACGSQ ESGSLHSGAS QELGEGQRSG TEVGRAGKGQ HYGSSHRQS QGSRGQNRP GVQTQGQATG SAWVSSYDRQ AESQSQERIS PQIQLSGQTE QTKKAGEGKR NQTTEMRPER QPQTREQDRA HQTGETVTGS GTQTQAGATQ TVEQDSSHQT GRTSKQTQEA TNDQNRGTET HGQGRSQTST AVTGGHAIQ AGTHTQTPTQ TVEQDSSHQT GSTSTQTQES TNGQNRGTET HGQGRSQTST AVTGGHAIQ AGSHTETVEQ DRSQTVSHGG AREQGQTQTQ PGSGQRWMQV SNPEAGETVP GGQAQTGAST ESGRQWSST HPRRCVTEGQ GDRQPTVVG EWDVDDHSRET VILRLDQGNL HTSVSSAQGG DAAQSEEKRG ITARELYSYL RSTKP 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

Product Details

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:

CRNN

Alternative Name:

CRNN ([CRNN Products](#))

Background:

Cornulin (53 kDa putative calcium-binding protein) (53 kDa squamous epithelial-induced stress protein) (58 kDa heat shock protein) (Squamous epithelial heat shock protein 53) (Tumor-related protein),FUNCTION: Promotes cell proliferation, G1/S cell cycle progression and induces expression of the cell cycle regulator CCND1 (PubMed:30009832). Regulates proliferation induced by pro-inflammatory cytokine response via activation of NFkB1 and PI3K/AKT signaling pathways (PubMed:30009832). {ECO:0000269|PubMed:30009832}.

Molecular Weight:

53.5 kDa

UniProt:

[Q9UBG3](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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