

## Product datasheet for **AR09396PU-L**

### Cornulin (1-495, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Cornulin (1-495, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MPQLLQNING IIEAFRRYAR TEGNCTALTR GELKRLLEQE FADVIVKPHD PATVDEVLRL LDEDHTGTVE FKEFLVLVFK VAQACFKTLS ESAEGACGSQ ESGSLHSGAS QELGEGQRSG TEVGRAGKGQ HYEGSSHRQS QQGSRGQNRP GVQTQGQATG SAWVSSYDRQ AESQSQERIS PQIQLSGQTE QTQKAGEGKR NQTTEMRPER QPQTREQDRA HQTGETVTGS GTQTQAGATQ TVEQDSSHQT GRTSKQTQEA TNDQNRGTET HGQGRSQT SQ AVTGGAHIQ AGTHTQTPTQ TVEQDSSHQT GSTSTQTQES TNGQNRGTEI HGQGRSQT SQ AVTGGHQIQ AGSHTETVEQ DRSQTVSHGG AREQGQTQTQ PGSGQRWMQV SNPEAGETVP GGQAQTGAST EPGRQEWSST HPRRCVTEGQ GDRQPTVVGE EWVDDHSRET VILRLDQGNL HTSVSSAQGQ DAAQSEEKRG ITARELYSYL RSTKP
Tag:	His-tag
Predicted MW:	55.7 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant CRNN protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_057274</u>
Locus ID:	49860



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UniProt ID: [Q9UBG3](#)

Cytogenetics: 1q21.3

Synonyms: C1orf10; DRC1; PDRC1; SEP53

**Summary:** This gene encodes a member of the "fused gene" family of proteins, which contain N-terminus EF-hand domains and multiple tandem peptide repeats. The encoded protein contains two EF-hand Ca<sup>2+</sup> binding domains in its N-terminus and two glutamine- and threonine-rich 60 amino acid repeats in its C-terminus. This gene, also known as squamous epithelial heat shock protein 53, may play a role in the mucosal/epithelial immune response and epidermal differentiation. [provided by RefSeq, Jan 2009]

### Product images:

