

Datasheet for ABIN666956

**CRNN Protein (AA 1-495) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	CRNN
Protein Characteristics:	AA 1-495
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRNN protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	CRNN, 1-495aa, Human, His tag, E.coli
Purity:	> 85 % by SDS - PAGE

## Target Details

Target:	CRNN
Alternative Name:	CRNN ( <a href="#">CRNN Products</a> )
Background:	CRNN is a member of the 'fused gene' family of proteins, which contain N-terminus EF-hand domains and multiple tandem peptide repeats. It 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 protein, also known as Survival factor that participates in the clonogenicity of squamous esophageal epithelium cell lines, attenuates deoxycholic acid (DCA)-induced apoptotic cell

## Target Details

death and release of calcium. When overexpressed in oral squamous carcinom cell lines, regulates negatively cell proliferation by the induction of G1 arrest. Recombinant CRNN protein was expressed in E.coli and purified by using conventional chromatography techniques.

Synonyms: DRC1, PDRC1, SEP53, Cornulin 53 kDa putative calcium binding protein, 53 kDa squamous epithelial induced stress protein, 58 kDa heat shock protein, C1orf10, Squamous epithelial heat shock protein 53, Tumor related protein. NCBI no.: AAH30807

Molecular Weight: 55.7 kDa (515aa)

## Application Details

Restrictions: For Research Use only

## Handling

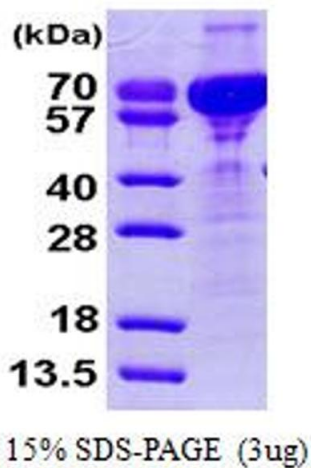
Format: Liquid

Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

Storage: 4 °C

## Images



### SDS-PAGE

Image 1.