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## Datasheet for ABIN7504252 **CARHSP1 Protein (AA 2-147)**

### Overview

Quantity:	100 µg
Target:	CARHSP1
Protein Characteristics:	AA 2-147
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Human CARHSP1 Protein
Sequence:	Ser2-Ser147
Characteristics:	Recombinant Human CARHSP1 Protein is expressed from E.coli without tag.It contains Ser2-Ser147.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

### Target Details

Target:	CARHSP1
Alternative Name:	CARHSP1 ( <a href="#">CARHSP1 Products</a> )
Background:	Ca <sup>2+</sup> -regulated heat-stable protein of 24 kDa (CRHSP-24) is a serine phosphoprotein originally

## Target Details

identified as a physiological substrate for the Ca<sup>2+</sup>-calmodulin regulated protein phosphatase calcineurin (PP2B). CRHSP-24 is a paralog of the brain-specific mRNA-binding protein PIPPin and was recently shown to interact with the STYX/dead phosphatase protein in developing spermatids.

Molecular Weight: 15.76 kDa. The protein migrates to 18-23 kDa based on Tris-Bis PAGE result.

UniProt: [Q9Y2V2](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

Buffer: Lyophilized from 0.22 µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months