

## Recombinant Human CARHSP1, His-tagged

Cat. No. CARHSP1-26088TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full-length Human CARHSP1, aa 1-147, with N terminal His tag; 167aa inclusive of tag, 18kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	147 amino acids
<b>Description</b>	CARHSP1 is a serine phosphoprotein originally identified as a physiological substrate for the Ca <sup>2+</sup> -calmodulin regulated protein phosphatase calcineurin (PP2B).
<b>Conjugation</b>	HIS
<b>Molecular Weight</b>	18.000kDa
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 100mM Sodium chloride, pH 8
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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**Sequences of amino acids**  
 MGSSHHHHHH SSSLVPRGSH MSSEPPPPPQ PPTHQASVGL LDTPRSRERS  
 PSPLRGNVVP SPLPTRRTRT FSATVRASQG PVYKGVCKCF CRSKGHGFIT  
 PADGGPDIFL HISDVEGEYV PVEGDEVITYK MCSIPPKNEK LQAVEVVITH  
 LAPGTKHETW SGHVISS

**Sequence Similarities**  
 Contains 1 CSD (cold-shock) domain.

## GENE INFORMATION

**Gene Name** [CARHSP1 calcium regulated heat stable protein 1, 24kDa \[ Homo sapiens \]](#)

**Official Symbol** [CARHSP1](#)

**Synonyms** CARHSP1; calcium regulated heat stable protein 1, 24kDa; calcium regulated heat stable protein 1 (24kD); calcium-regulated heat stable protein 1; CRHSP 24; CSDC1;

**Gene ID** [23589](#)

**mRNA Refseq** [NM\\_001042476](#)

**Protein Refseq** [NP\\_001035941](#)

**Uniprot ID** [Q9Y2V2](#)

**Chromosome Location**  
 16p13.2

**Function** DNA binding; RNA binding; mRNA 3-UTR binding; phosphatase binding;

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