

Recombinant Human CARHSP1, HA-tagged

Cat. No. CARHSP1-26089TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein corresponding to amino acids 2-147 of Human CARHSP1, containing an N-terminal proprietary tag and HA tag; predicted MWt 44 kDa inclusive of tag. Residue S247 of the fusion protein is equivalent to E2 of the native enzyme. Th
Species	Human
Source	E.coli
Protein Length	146 amino acids
Description	CARHSP1 is a serine phosphoprotein originally identified as a physiological substrate for the Ca ²⁺ -calmodulin regulated protein phosphatase calcineurin (PP2B).
Conjugation	HA
Molecular Weight	44.000kDa inclusive of tags
Form	Liquid
Storage buffer	pH: 7.50 Constituents: 0.79% Tris HCl, 9.24% Sucrose, 0.88% Sodium chloride, 0.1% Beta mercaptoethanol, 0.02% Brij, 0.003% PMSF, 0.012% Benzamidine, 0.003% EGTA
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDK WRNKKFELGLEFPNLPY
 YIDGDVKLTQSMARIYIADKHN MLGGCPKERAIEISMLEGAVLDIRYGVSRISYKDF
 ETLKV DFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALD VVLYMDPMCL
 DAFPKLVCFKKRIEAIQIDKYLKSSKYIA WPLQGWQATFGGGDHPPKSDLEVLFGQ
 PLGSPEFATMYPY DVPDYASSEPPPPPPQPPTHQASVGLLDTPRSRERSPSPLR GN
 VVPSPLPTRRTRTFSATVRASQGPVYKGVCKCFCRSKG HGFITPADGGPDIFLHISD
 VEGEYVPVEGDEVTYKMCSIP PKNEKLQAVEVVITHLAPGTHKHWGSHVSS

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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