Recombinant Human CARHSP1 protein(Met1-Ser147), His-tagged

Cat. No. CARHSP1-454H   **Lot. No.** (See product label)

SPECIFICATION	
Product Overview	Recombinant Human CARHSP1(Q9Y2V2) (Met1-Ser147) was expressed in E. coli with a polyhistidine tag at the N-terminus.
Source	E. coli
Species	Human
Tag	N-His
Protein length	Met1-Ser147
Form	Lyophilized from sterile 50mM Tirs, 10% Glycerol, 200mM NaCl, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CARHSP1 consists of 162 amino acids and predicts a molecular mass of 17.7 KDa. It migrates as an approximately 21 KDa band in SDS-PAGE under reducing conditions.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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; calcium-regulated heat-stable protein (24kD); calcium-regulated heat-stable protein of 24 kDa; CRHSP-24; MGC111446;
Gene ID	23589
mRNA Refseq	NM_001042476
Protein Refseq	NP_001035941
UniProt ID	Q9Y2V2

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