

Recombinant Human CARHSP1 protein, His-tagged

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

SPECIFICATION

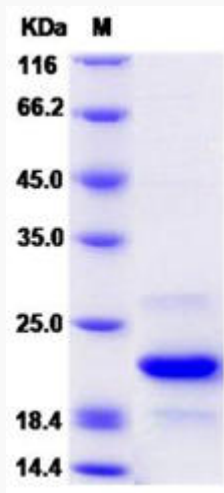
Product Overview	Recombinant Human CARHSP1 protein(Q9Y2V2) (Met1-Ser147) was expressed in E.coli with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-147 aa
Form	Lyophilized from sterile 50mM Tirs, 10% Glycerol, 200mM NaCl, pH 8.0.
Molecular Mass	The recombinant human 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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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

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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
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left with values: 116, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4 kDa. A single prominent protein band is visible in the sample lane at approximately 24 kDa.