# **Human CARHSP1 (His Tag) recombinant protein**

Catalog Number: 501932



## **General Information**

## Gene Name Synonym

Calcium-regulated heat-stable protein of 24 kDa

#### **Protein Construction**

A DNA sequence encoding the human CARHSP1(Q9Y2V2) (Met1-Ser147) was expressed with a polyhistidine tag at the N-terminus.

## **Organism**

Human

## **Expression Host**

E. coli

# **QC Testing**

## **Purity**

> 85 % as determined by SDS-PAGE

#### **Endotoxin**

Please contact us for more information.

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

#### **Predicted N terminal**

His

#### **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.

#### **Formulation**

Lyophilized from sterile 50mM Tirs, 10% Glycerol, 200mM NaCl, pH 8.0.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

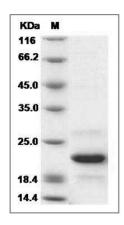
## **Storage**

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.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human CARHSP1 Protein (His Tag) SDS-PAGE