

# **Recombinant Human SFRP2 Protein**

Catalog No.: RP02970 Recombinant

## **Sequence Information**

Species Gene ID Swiss Prot Human 6423 096HF1

### **Tags**

C-His

### **Synonyms**

SFRP2; FRP2; SARP1; FKSG12; UNQ361/PRO697;Secreted frizzledrelated protein 2; FRP-2; sFRP-2; Secreted apoptosis-related protein 1; SARP-1

## **Product Information**

Source Purification

HEK293 cells ≥ 95 % as determined by SDS-

PAGE.

Calculated MW Observed MW

32.4 kDa 34-38 kDa

## Endotoxin

< 1 EU/µg of the protein by LAL method.

### **Formulation**

Lyophilized from 0.22µm filtered solution in PBS, 100mM L-arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

#### Reconstitution

#### **Contact**

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## **Background**

As biomarkers, DNA methylation is used to detect colorectal cancer (CRC) and make assessment of CRC prognosis. The published findings showed the association between the methylation of SFRP1, SFRP2, and WIF1, located in the Wnt signaling pathway, and the prognosis of CRC were not consistent. SFRP1, SFRP2, and WIF1 were frequently hypermethylated in CRC tumor tissues. It was apparent that the promoter hypermethylation of SFRP2 and co-hypermethylation of SFRP1 and SFRP2 might be considered as independent prognostic predictors for survival advantage of postoperative CRC patients.

## **Basic Information**

#### **Description**

Recombinant Human SFRP2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu25-Cys295) of human SFRP2 (Accession #NP\_003004.1) fused with a  $6\times$ His tag at the C-terminus.

### **Bio-Activity**

#### Storage

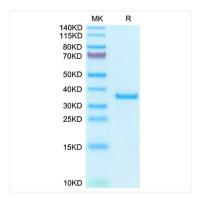
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

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# **Validation Data**



Recombinant Human SFRP2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.