

# Human SFRP1 (His Tag) recombinant protein



Catalog Number: 501914

## General Information

### Gene Name Synonym

Secreted apoptosis-related protein 2

### Protein Construction

A DNA sequence encoding the human sFRP1 (NP\_003003.3) (Met 1-Lys 314) was expressed with a C-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its ability to inhibit proliferation of HeLa human cervical epithelial carcinoma cells. The ED<sub>50</sub> for this effect is typically 2.5-10 µg/ml.

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

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

### Predicted N terminal

Ser 32

### Molecular Mass

The recombinant human sFRP1 consists of 294 amino acids after removal of the signal peptide and has a predicted molecular mass of 34 kDa. In SDS-PAGE under reducing conditions, it migrates with an apparent molecular mass of 38 kDa due to glycosylation.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

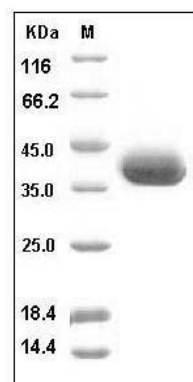
### Storage

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 sFRP1 / SARP2 Protein (His Tag) SDS-PAGE