

# Human SFRP4 (His Tag) recombinant protein



Catalog Number: 502990

## General Information

### Gene Name Synonym

Frizzled protein, human endometrium

### Protein Construction

A DNA sequence encoding the human SFRP4 (NP\_003005.2) (Met1-VAL346) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

CHO Stable Cells

## QC Testing

### Activity

Measured by its ability to inhibit Wnt3a induced alkaline phosphatase production by C3H10T 1/2 2A6 mouse embryonal fibroblast cells.

The ED<sub>50</sub> for this effect is typically 2-20 µg/mL in the presence of 20 ng/mL of Wnt3a.

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg 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

Ala 22

### Molecular Mass

The recombinant human SFRP4 consists 336 amino acids and predicts a molecular mass of 39 kDa.

### 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

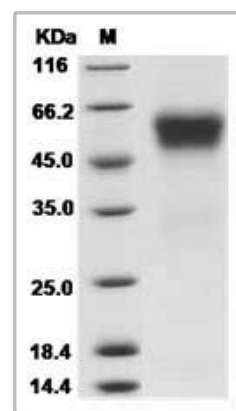
Store it under sterile conditions at -20°C to -80°C.

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 sFRP4 Protein (His Tag) SDS-PAGE