

# Human 14-3-3 sigma/Stratifin/YWHAS (GST Tag) recombinant protein



Catalog Number: 503671

## General Information

### Gene Name Synonym

Epithelial cell marker protein 1; Stratifin

### Protein Construction

A DNA sequence encoding the human SFN (NP\_006133.1) (Met 1-Ser 248) was fused with the GST tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 94 % 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

Met

### Molecular Mass

The recombinant human SFN/GST chimera consists of 480 amino acids and has a predicted

molecular mass of 50.1 kDa. It migrates as an approximately 48 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 150mM NaCl, 10mM GSH, 25% glycerol, 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

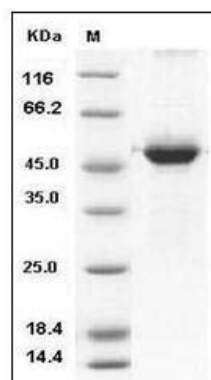
### Storage

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 14-3-3 sigma / Stratifin / YWHAS Protein (GST Tag) SDS-PAGE