# Human 14-3-3 sigma/Stratifin/YWHAS recombinant protein

Catalog Number: 502970



#### **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 expressed, with two additional amino acids (Gly & Pro) at the N-terminus.

## Organism

Human

### **Expression Host**

E. coli

# **QC Testing**

#### **Purity**

> 97 % 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

Gly

#### **Molecular Mass**

The recombinant human SFN consists of 250

amino acids and has a predicted molecular mass of 28 kDa as estimated 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**

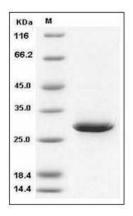
#### **Storage**

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 SDS-PAGE