

# Human SMS2 / Sphingomyelin synthase 2 (Fc Tag) recombinant protein



Catalog Number: 500800

## General Information

### Protein Construction

A DNA sequence encoding the human SGMS2 (NP\_689834.1) (Met1-Thr79) was expressed with the Fc region of mouse IgG1 at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> (87.1+11.1) % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Asp

### Molecular Mass

The recombinant human SGMS2 consists 315

amino acids and predicts a molecular mass of 35.7 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

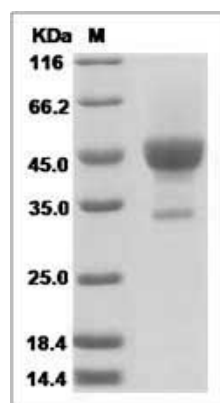
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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



SGMS2 protein SDS-PAGE