

# Human SMYD3 (GST Tag) recombinant protein



Catalog Number: 503798

## General Information

### Gene Name Synonym

SET and MYND domain-containing protein 3; Zinc finger MYND domain-containing protein 1

### Protein Construction

A DNA sequence encoding the human SMYD3 isoform 2 (NP\_073580.1) (Lys 35-Ser 369) was fused with the GST tag at the N-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 88 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the 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

Met

### Molecular Mass

The recombinant human SMYD3/GST chimera

consists of 559 amino acids and predicts a molecular mass of 656 kDa. It migrates as an approximately 58 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 150mM NaCl, 0.5mM DTT, 0.5mM GSH, 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

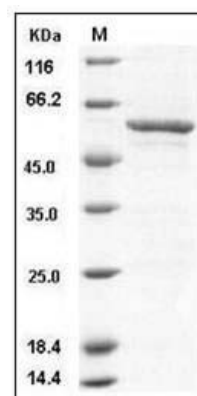
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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



Human SMYD3 / ZMYND1 Protein (GST Tag) SDS-PAGE