

Human SMYD3 (His & FLAG Tag) recombinant protein



Catalog Number: 502389

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 1 (NP_001161212.1) (Met 1-Ser 428) was fused with the flag tag at the N-terminus, and the Histidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the 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

Met

Molecular Mass

The recombinant human SMYD3 consists of 447 amino acids and predicts a molecular mass of 51.5 kDa. It migrates as an approximately 49 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 25mM Tris-HCl, 100mM NaCl, 20% glycerol, 3mM DTT, 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

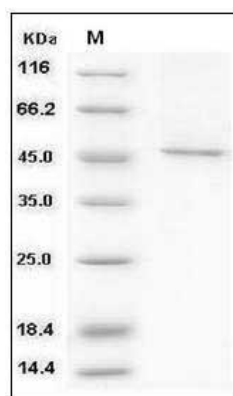
Storage

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 SMYD3 / ZMYND1 Protein (His & FLAG Tag) SDS-PAGE