

Human SMYD2 (His Tag) recombinant protein



Catalog Number: 500396

General Information

Gene Name Synonym

HSKM-B; Histone methyltransferase SMYD2;
Lysine N-methyltransferase 3C; SET and MYND
domain-containing protein 2

Protein Construction

A DNA sequence encoding the full length of
human SMYD2 (NP_064582.2) (Met 1-His 433)
was expressed, with a polyhistidine tag at the N-
terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ 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°C

Predicted N terminal

His

Molecular Mass

The recombinant human SMYD2 consists of 451
amino acids and predicts a molecular mass of 52
kDa. It migrates as an approximately 48 kDa band
in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl,
10% 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

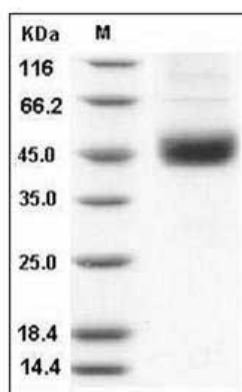
Storage

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 SMYD2 / KMT3C Protein (His Tag) SDS-
PAGE