Catalog Number: 500218



# **General Information**

### Gene Name Synonym

H4-K20-HMTase SETD8; Histone-lysine Nmethyltransferase SETD8; Lysine Nmethyltransferase 5A; PR/SET domain-containing protein 07; SET domain-containing protein 8

## **Protein Construction**

A DNA sequence encoding the human SETD8 (NP\_065115.3) (Lys 195-His 352) was expressed and purified, with two additional amino acids (Gly & Pro) at the N-terminus.

### Organism

Human

### **Expression Host**

E. coli

## **QC Testing**

#### Purity

> 98 % 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  $^\circ \rm C$ 

## **Predicted N terminal**

Gly

#### **Molecular Mass**

The recombinant human SETD8 comprises 160 amino acids and has a predicted molecular mass of 18.2 kDa. It migrates as an approximately 18 kDa band in SDS-PAGE under reducing conditions as predicted.

## Formulation

Lyophilized from sterile 20mM Tris, 100mM NaCl, 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**

KDa	М	
116		
66.2	-	
45.0	-	
35.0	-	
25.0	-	
18.4		
14.4	Name of Column	

Human SETD8 / PR-Set7 Protein SDS-PAGE