

# Human PRMT5/SKB1 (His & FLAG Tag) recombinant protein



Catalog Number: 504552

## General Information

### Gene Name Synonym

EC 2.1.1.320; 72 kDa ICln-binding protein; Histone-arginine N-methyltransferase PRMT5; Jak-binding protein 1; Shk1 kinase-binding protein 1 homolog; SKB1 homolog; SKB1Hs [Cleaved into: Protein arginine N-methyltransferase 5, N-terminally processed]

### Protein Construction

A DNA sequence encoding the human PRMT5 (NP\_006100.2) (Ala 2-Leu 637) was expressed, fused with a polyhistidine tag at the C-terminus and a Flag tag at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 85 % 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 PRMT5 consists of 655 amino acids and predicts a molecular mass of 75 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhPRMT5 is approximately 65 kDa.

### Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 0.5mM EDTA, 0.5PMSF, 0.5mM, TCEP, 25% glycerol

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

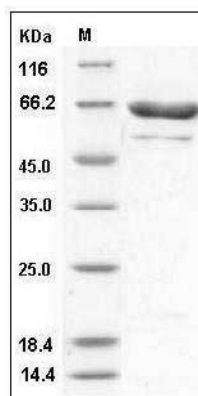
### Storage

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



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SDS-PAGE