
Cdk7 Recombinant Rabbit mAb

Catalog Number: bsm-52031R

Target Protein: Cdk7

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 11A2

Isotype: IgG

Applications: WB (1:300-500), IHC-P (1:100-500), IHC-F (1:100-200), IF (1:50-200), Flow-Cyt (1:50-100), ICC/IF (1:50-200)

Reactivity: (predicted:Human, Mouse)

Predicted MW: 40 kDa

Entrez Gene: 1022

Swiss Prot: P50613

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* cdc28, and *Schizosaccharomyces pombe* cdc2, and are known to be important regulators of cell cycle progression. This protein forms a trimeric complex with cyclin H and MAT1, which functions as a Cdk-activating kinase (CAK). It is an essential component of the transcription factor TFIIF, that is involved in transcription initiation and DNA repair. This protein is thought to serve as a direct link between the regulation of transcription and the cell cycle.