

Recombinant Mouse Cdk1, His-GST tagged

Cat. No. CDK1-402M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cdk1 (P11440) (Met1-Met297), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
Species	Mouse
Source	Insect Cells
ProteinLength	1-297 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM Tris, 500mM Nacl, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse CDK1/GST chimera consists of 534 amino acids and has a calculated molecular mass of 61.9 kDa. The recombinant protein migrates as an approximately 57 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Cdk1 cyclin-dependent kinase 1 \[Mus musculus \]](#)

Official Symbol [Cdk1](#)

Gene ID [12534](#)

mRNA Refseq [NM_007659](#)

Protein Refseq [NP_031685](#)

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