

Active Recombinant Mouse Plk1 protein, His-tagged

Cat. No. Plk1-1356M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Plk1 protein(Q07832)(Met1-Ser603), fused with His tag, was expressed in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Ser603
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glyPlease contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	The specific activity was determined to be 3 nmol/min/mg using casein as substrate.
Molecular Mass	The recombinant mouse PLK1 consists of 622 amino acids and has a calculated molecular mass of 70.6 kDa. It migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Plk1 polo-like kinase 1 \(Drosophila\) \[Mus musculus \]](#)

Official Symbol [Plk1](#)

Synonyms [PLK1](#); polo-like kinase 1 (Drosophila); serine/threonine-protein kinase PLK1; PLK-1; serine/threonine-protein kinase 13; Plk; STPK13;

Gene ID [18817](#)

mRNA Refseq [NM_011121](#)

Protein Refseq [NP_035251](#)

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