
Product Data Sheet

Product Name: CDK-4 Human
Cat. No.: GP22445
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cell division protein kinase 4; CDK4; EC 2.7.11.22; Cyclin-dependent kinase 4; PSK-J3; CMM3;CDK-4; MGC14458.		
Formulation	CDK4 is supplied in 10mM Bis-Tris Propane pH9.0 and 50% Glycerol.		

Introduction

Cyclin-dependent kinase 4 combines with the protein cyclin D to form a protein complex that promotes the passage of cells through the G1 checkpoint in the cell growth cycle. This cellular activity is regulated by the protein p16 produced by p16INK4a. Normally, p16 controls cell growth by inhibiting the activity of the CDK4/Cyclin D complex and stopping cells at the G1 checkpoint.

Stability

Store at 4°C if entire vial will be used within 1-2 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Background

Cyclin-Dependent Kinase 4 Human Recombinant is expressed in E. coli as a full-length protein having a molecular weight of 38 kDa fused to an amino terminal hexahistidine tag. The CDK4 is purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA