



PLK2 Protein Crystal

Catalog: CBCRY54

PRODUCT INFORMATION

Name PLK2 Protein Crystal

Cat No. CBCRY54

Fragment Polo box domain

Protein Description Polo-like Kinase 2

Background

Polo-like kinase 2 (PLK2) is a member of the polo family of serine/threonine protein kinases that have a role in normal cell division. This gene is most abundantly expressed in testis, spleen and fetal tissues, and its expression is inducible by serum, suggesting that it may also play an important role in cells undergoing rapid cell division. Polo-like kinases are the key regulators of cell cycle progression, the members of which share a kinase domain and a polo-box domain that serves as a protein-binding module.

Protein Classification Transferase

Structure Weight 50489.28 Da

Method X-Ray Diffraction

Resolution 2.70 Å

Ligand Chemical Component PO4-,Cl-

Reference Kim JH, Ku B, Lee KS, Kim SJ. Structural analysis of the polo-box domain of human polo-like kinase 2. *Proteins* (2015)