



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	<p>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.</p>
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. <i>Proteins</i> (2015)