



# DNCL2A Protein Crystal

Catalog: CBCRY31

## PRODUCT INFORMATION

<b>Name</b>	DNCL2A Protein Crystal
<b>Cat No.</b>	CBCRY31
<b>Fragment</b>	Full length
<b>Protein Description</b>	Dynein Light Chain Dnlc2a
<b>Background</b>	The human light chain of the motor protein dynein, Dnlc2A, is also a novel TGF-beta-signaling component, which is altered with high frequency in epithelial ovarian cancer. It is an important mediator of dynein and the development of cancer, owing to its ability to bind to the dynein intermediate light chain (DIC) IC74 and to regulate TGF-beta-dependent transcriptional events.
<b>Protein Classification</b>	Transport Protein
<b>Structure Weight</b>	24324.71 Da
<b>Method</b>	X-Ray Diffraction
<b>Resolution</b>	2.10Å
<b>Ligand Chemical Component</b>	Cesium ion
<b>Reference</b>	Liu, J.-F., Wang, Z.-X., Wang, X.-Q., Tang, Q., An, X.-M., Gui, L.-L., Liang, D.-C. (2006) Crystal structure of human dynein light chain Dnlc2A: Structural insights into the interaction with IC74 Biochem.Biophys.Res.Comm. 349: 1125-1129