



# Cyct Protein Crystal

Catalog: CBCRY29

## PRODUCT INFORMATION

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<b>Name</b>	Cyct Protein Crystal
<b>Cat No.</b>	CBCRY29
<b>Fragment</b>	Full length
<b>Protein Description</b>	Cytochrome c, Testis-specific
<b>Background</b>	<p>Cytochrome c, or cyt c is a small heme protein found loosely associated with the inner membrane of the mitochondrion. It belongs to the cytochrome c family of proteins. Cytochrome c is a highly soluble protein, unlike other cytochromes, with a solubility of about 100g/L and is an essential component of the electron transport chain, where it carries one electron. It is capable of undergoing oxidation and reduction, but does not bind oxygen.</p>
<b>Protein Classification</b>	Electron Transport
<b>Structure Weight</b>	12541.14 Da
<b>Method</b>	X-Ray Diffraction
<b>Resolution</b>	1.6Å
<b>Ligand Chemical Component</b>	HEM; phosphate ion
<b>Reference</b>	<p>Liu, Z., Lin, H., Ye, S., Liu, Q.Y., Meng, Z., Zhang, C.M., Xia, Y., Margoliash, E., Rao, Z., Liu, X.J. (2006) Remarkably high activities of testicular cytochrome c in destroying reactive oxygen species and in triggering apoptosis Proc.Natl.Acad.Sci.Usa 103: 8965-8970</p>