



Cyct Protein Crystal

Catalog: CBCRY29

PRODUCT INFORMATION

Name	Cyct Protein Crystal
Cat No.	CBCRY29
Fragment	Full length
Protein Description	Cytochrome c, Testis-specific
Background	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.
Protein Classification	Electron Transport
Structure Weight	12541.14 Da
Method	X-Ray Diffraction
Resolution	1.6 Å
Ligand Chemical Component	HEM; phosphate ion
Reference	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.U.S.A 103: 8965-8970