



# PABPN1 Protein Crystal

Catalog: CBCRY37

## PRODUCT INFORMATION

Name	PABPN1 Protein Crystal
Cat No.	CBCRY37
Fragment	UNP residues 167-254
Protein Description	Polyadenylate-binding Protein 2
Background	Poly(A) binding protein, nuclear 1, also known as PABPN1, is required for progressive and efficient polymerization of poly(A) tails on the 3' ends of eukaryotic genes and controls the size of the poly(A) tail to about 250 nt. At steady-state, this protein is localized in the nucleus whereas a different poly(A) binding protein is localized in the cytoplasm.
Protein Classification	RNA binding protein
Structure Weight	43445.20 Da
Method	X-Ray Diffraction
Resolution	2.82Å
Reference	Ge, H., Zhou, D., Tong, S., Gao, Y., Teng, M., Niu, L. (2008) Crystal structure and possible dimerization of the single RRM of human PABPN1 Proteins 71: 1539-1545

## USAGE GUIDELINES

General	Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80°C may result in aggregate formation.
Storage	Short term: +2°C to +8°C Long term: -80°C
Stability	n.a.
Freezing	Can be frozen, but avoid multiple freeze/thaw cycles.

