



PABPN1 Protein Crystal

Catalog: CBCRY37

PRODUCT INFORMATION

Product Name	PABPN1 Protein Crystal
Catalog Number	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
PDBID	3B4M
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
cDNA Length	288

USAGE GUIDELINES



General Handling	Avoid excessive mixing or vortexing to prevent aggregation. Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.
Storage	Short term: +2°C to +8°C (up to 1 week) Long term: -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to ?3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.