



ARTN Protein Crystal

Catalog: CBCRY32

PRODUCT INFORMATION

Name	ARTN Protein Crystal
Cat No.	CBCRY32
Fragment	N-terminal truncated
Protein Description	Neurotrophic Factor Artemin Isoform 3
Background	Artemin (ARTN) is a member of the glial cell line-derived neurotrophic factor (GDNF) family ligands (GFLs) which regulate the development and maintenance of many neuronal populations in the mammalian nervous system. Here we report the 1.92 Å crystal structure of the complex formed between ARTN and its receptor GFRα3, which is the initiating step in the formation of a ternary signaling complex containing the shared RET.
Protein Classification	Hormone/growth Factor
Structure Weight	11574.40 Da
Method	X-Ray Diffraction
Resolution	1.76Å
Reference	Wang, X., Baloh, R.H., Milbrandt, J., Garcia, K.C. (2006) Structure of Artemin Complexed with Its Receptor GFRα3: Convergent Recognition of Glial Cell Line-Derived Neurotrophic Factors. Structure 14: 1083-1092