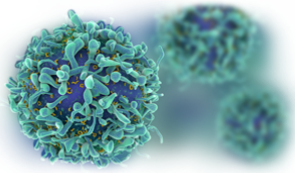

NTF3 with NGFR Protein Crystal

Catalog: CBCRY18

PRODUCT INFORMATION

Name	NTF3 with NGFR Protein Crystal
Cat No.	CBCRY18
Fragment	Ectodomain
Protein Description	Neurotrophin-3 complexed with NTR receptor
Background	Neurotrophins (NTs) are important regulators for the survival, differentiation and maintenance of different peripheral and central neurons. NTs bind to two distinct classes of glycosylated receptor: the p75 neurotrophin receptor (p75(NTR)) and tyrosine kinase receptors (Trks). Whereas p75(NTR) binds to all NTs, the Trk subtypes are specific for each NT.
Protein Classification	signaling protein
Structure Weight	63861.22 Da
Method	X-Ray Diffraction
Resolution	2.6Å
Ligand Chemical Component	N-Acetyl-D-Glucosamine
Reference	Gong, Y., Cao, P., Yu, H.J., Jiang, T. (2008) Crystal structure of the neurotrophin-3 and p75NTR symmetrical complex. Nature 454: 789-793

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.

45-1 Ramsey Road, Shirley, NY 11967, USA Tel:1-631-317-1417 Fax:1-631-207-8356

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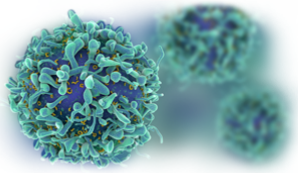

Freezing	Can be frozen, but avoid multiple freeze/thaw cycles.

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