



# NTF3 with NGFR Protein Crystal

Catalog: CBCRY18

## PRODUCT INFORMATION

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<b>Name</b>	NTF3 with NGFR Protein Crystal
<b>Cat No.</b>	CBCRY18
<b>Fragment</b>	Ectodomain
<b>Protein Description</b>	Neurotrophin-3 complexed with NTR receptor
<b>Background</b>	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.
<b>Protein Classification</b>	signaling protein
<b>Structure Weight</b>	63861.22 Da
<b>Method</b>	X-Ray Diffraction
<b>Resolution</b>	2.6Å
<b>Ligand Chemical Component</b>	N-Acetyl-D-Glucosamine
<b>Reference</b>	Gong, Y., Cao, P., Yu, H.J., Jiang, T. (2008) Crystal structure of the neurotrophin-3 and p75NTR symmetrical complex. Nature 454: 789-793