



# EphA2 Protein Crystal

Catalog: CBCRY49

## PRODUCT INFORMATION

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<b>Name</b>	EphA2 Protein Crystal
<b>Cat No.</b>	CBCRY49
<b>Fragment</b>	Ectodomain, Residues 27-534
<b>Protein Description</b>	EPH Receptor A2
<b>Background</b>	<p>Ephrin type-A receptor 2 belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. It regulates cell adhesion and differentiation and also participates in UV radiation-induced apoptosis. Mutations in this gene are the cause of certain genetically-related cataract disorders.</p>
<b>Protein Classification</b>	Receptor
<b>Structure Weight</b>	60679.26 Da
<b>Method</b>	X-Ray Diffraction
<b>Resolution</b>	3.00 Å
<b>Ligand Chemical Component</b>	Cl-, NAG
<b>Reference</b>	Seiradake E, Harlos K, Sutton G, Aricescu AR, Jones EY. An extracellular steric seeding mechanism for eph-ephrin signalling platform assembly. Nat.Struct.Mol.Biol. (2010) 17 p.398