



EphA2 Protein Crystal

Catalog: CBCRY49

PRODUCT INFORMATION

Name	EphA2 Protein Crystal
Cat No.	CBCRY49
Fragment	Ectodomain, Residues 27-534
Protein Description	EPH Receptor A2
Background	<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>
Protein Classification	Receptor
Structure Weight	60679.26 Da
Method	X-Ray Diffraction
Resolution	3.00 Å
Ligand Chemical Component	Cl-, NAG
Reference	Seiradake E, Harlos K, Sutton G, Aricescu AR, Jones EY. An extracellular steric seeding mechanism for ephrin signalling platform assembly. Nat.Struct.Mol.Biol. (2010) 17 p.398