Crystallization and preliminary X-ray analysis of the human c-H-*ras*-oncogene product p21 complexed with GTP analogues

Abstract

The catalytic domain (amino acid residues 1 to 166) of the human *ras*-oncogene product p21 complexed with the GTP analogues β,γ-imido-GTP (GMPPNP), β,γ-methylene-GTP (GMPPCP), and guanosine-5′-(γ-thiotriphosphate) (GTPγS) have been crystallized. Crystals of the GMPPNP and GMPPCP complexes are well suited for high resolution X-ray crystallography. They belong to space group $P3_121$ (or its enantiomorph $P3_221$) with unit cell axes a = b = 40·3 Å and c = 162·2 Å.