	Native
PDB ID	1Z5S
Source	APS 31ID
Wavelength (Å)	0.9793
Resolution Limits (Å)	50-3.0
Space Group	P3 ₂ 21
Unit Cell (Å) a, b, c, α , β , γ	157.1, 157.1, 59.6, 90, 90, 120
Number of observations	147869
Number of reflections	16464
Completeness (%)	97.0 (91.8)
Mean I/ σ I	15.1 (2.1)
R-merge on I ^a	7.5 (46.4)
Cut-off criteria I/oI	0
Refinement Statistics	
Resolution Limits (Å)	30-3.0
Number of reflections	16461
Completeness (%)	96.5 (86.2)
Cutoff Criteria I/oI	0
Protein/water atoms	3564/28
Rcryst ^b	0.247 (0.425)
Rfree (5% of data)	0.290 (0.432)
Bonds (Å) ^c	0.006
Angles (°) ^c	1.2
Bfactor (mc/sc in Å ²) ^c	2.27/2.80

Supplemental Table I. Crystallographic Data and Refinement Statistics

a. $Rmerge = \sum hkl \sum i |I(hkl)i - \langle I(hkl) \rangle | / \sum hkl \sum i \langle I(hkl)i \rangle$.

b. $Rcryst = \sum hkl |Fo(hkl)-Fc(hkl)|/\sum hkl |Fo(hkl)|$, where Fo and Fc are observed and calculated structure factors, respectively.

c. Values indicate root-mean-square deviations in bond lengths, bond angles, and Bfactors of bonded atoms.

Parentheses indicate statistics for the high-resolution data bin for x-ray and refinement data.

Data were processed using DENZO, SCALEPACK¹, and CCP4². The structure was solved by molecular replacement using $CCP4^2$. The atomic model was built using O^3 and refined using CNS^4 .

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