

Orientation of Proteins in Membranes

Depth/Hydrophobic Thickness	$\Delta G_{\text{transfer}}$	Tilt Angle
$25.2 \pm 1.3 \text{ \AA}$	-41.2 kcal/mol	$5. \pm 2.^\circ$

Membrane Embedded Residues (in Hydrocarbon Core)

Subunits	Tilt	Segments
		Embedded_residues:
A	7	7,9-19,24-34,36,40-50,57-66,68,72-81,85-96,99-109,114-125
		Transmembrane_secondary_structure_segments:
A	4	1(10- 17), 2(24- 34), 3(42- 49), 4(58- 66), 5(74- 79), 6(86- 94), 7(102- 107), 8(114- 124)

Output Messages

heteroatoms excluded

Download Output File

[PDB file](#)

Image of the protein in membrane

[jmol](#)

Print this page