

Membrane 1 Parameters of Protein in Membrane

Depth/Hydrophobic Thickness	$\Delta G_{\text{transfer}}$	Tilt Angle
$30.7 \pm 0.9 \text{ \AA}$	-80.2 kcal/mol	$13 \pm 1^\circ$

Membrane Embedded Residues (in Hydrocarbon Core)

Subunits	Tilt	Segments
Embedded residues:		
A	44	1-46,56-104,108-134,136,138-139,143-167,174-222,233-254,262-288,374,377-378,381,525,527
Transmembrane secondary structure segments:		
A	13	1(3- 24), 2(25- 45), 3(56- 81), 4(82- 103), 5(110- 134), 6(144- 168), 7(176- 197), 8(202- 222), 9(233- 255),10(265- 288)

Output Messages

Protein in planar membrane
emin= -80.2 thickn= 30.7+- 0.9 tilt= 13.+ - 1.

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Image of the protein in membrane

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