

Orientation of Proteins in Membranes

| Depth/Hydrophobic Thickness | $\Delta G_{\text{transfer}}$ | Tilt Angle |
|-----------------------------|------------------------------|-------------------|
| $25.2 \pm 1.3 \text{ \AA}$ | -40.9 kcal/mol | $6. \pm 1.^\circ$ |

Membrane Embedded Residues (in Hydrocarbon Core)

| Subunits | Tilt | Segments |
|----------|------|--|
| | | Embedded_residues: |
| A | 10 | 9-19,24-34,36,40-50,57-68,72-82,85-96,100-109,114-124 |
| | | Transmembrane_secondary_structure_segments: |
| A | 6 | 1(10- 17), 2(24- 34), 3(42- 49), 4(57- 66), 5(74- 79), 6(86- 94), 7(102- 107), 8(114- 124) |

Output Messages

heteroatoms excluded

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Image of the protein in membrane

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