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| Description | P37007 |
| Date | Thu Jan 5 11:54:19 GMT 2012 |
| Unique Job ID | f577d5c72ac70204 |

Protein structure and disorder analysis of the full-length protein (1-380 aa). The figure displays the amino acid sequence, secondary structure (alpha-helices and beta-strands), solvent accessibility (SS), confidence scores, and disorder predictions across the entire protein length.

Sequence: M E S L M P W D A R D T M S L R T E F V L F A S Q D G A N I R S L C R R F G I S P A T G Y K W L Q R W A Q E G A A G L Q

Secondary structure: Alpha-helices (green cylinders) are located at residues 10-25, 30-35, 40-55, and 60-65. Beta-strands (blue arrows) are located at residues 70-85, 90-105, 110-125, 130-145, 150-165, 170-185, 190-205, 210-225, 230-245, 250-265, 270-285, 290-305, 310-325, 330-345, 350-365, 370-380.

SS (Solvent Accessibility): A color scale from red (high) to blue (low) is shown below the secondary structure.

confidence: A color scale from red (high) to blue (low) is shown below the SS.

Disorder: A color scale from red (high) to blue (low) is shown below the confidence.

Disorder confidence: A color scale from red (high) to blue (low) is shown below the disorder.

Confidence Key
High(9)  Low (0)
? Disordered
 Alpha helix
 Beta strand