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Protein structure and disorder analysis of the full-length protein (1-220 residues). The image displays four segments of the protein, each with its sequence, secondary structure, and disorder predictions. The secondary structure is shown as a green ribbon model, and the disorder is shown as a red bar. The disorder predictions are marked with question marks.

Segment 1 (Residues 1-60):

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

Secondary structure: [Green ribbon model]

SS confidence: [Red bar]

Disorder: [Red bar]

Disorder confidence: [Red bar]

Segment 2 (Residues 70-120):

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

Secondary structure: [Green ribbon model]

SS confidence: [Red bar]

Disorder: [Red bar]

Disorder confidence: [Red bar]

Segment 3 (Residues 130-180):

Sequence: D L A Q I E S A L N E M I A N N Q D R E A F N E A D I R Y H E A V L Q S V H N P V L Q Q L S I A I S S L Q R A V F E R T

Secondary structure: [Green ribbon model]

SS confidence: [Red bar]

Disorder: [Red bar]

Disorder confidence: [Red bar]

Segment 4 (Residues 190-220):

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

Secondary structure: [Green ribbon model]

SS confidence: [Red bar]

Disorder: [Red bar]

Disorder confidence: [Red bar]

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand