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Protein structure analysis of the full-length protein (1-120) and two fragments (70-120 and 130-156). The analysis includes sequence, secondary structure, SS confidence, disorder, and disorder confidence.

Full-length protein (1-120):

- Sequence:** MI FGH I AQP N P C R L P A A I E K A L D F L R A T D F N A L E P G V V E I D G K N I Y T Q I I D L T T R E A V V N
- Secondary structure:** Shows alpha-helices (green cylinders) and beta-strands (blue arrows). Helices are located at residues 10-15, 20-25, 30-35, 40-45, and 55-60. Beta-strands are at 5-9, 46-54, 58-64, and 68-74.
- SS confidence:** High confidence (red) for helices and beta-strands, low confidence (yellow/green) for loops.
- Disorder:** Disordered regions (grey) are at the N-terminus (1-9) and C-terminus (75-120).
- Disorder confidence:** High confidence (dark blue) for ordered regions, low confidence (light blue/yellow) for disordered regions.


Fragment 70-120:

- Sequence:** R P E V H R R Y I D I Q F L A W G E E K I G I A I D T G N N K V S E S L L E Q R N I I F Y H D S E H E S F I E M I P G S
- Secondary structure:** Shows alpha-helices (green cylinders) and beta-strands (blue arrows). Helices are at 100-105 and 110-115. Beta-strands are at 75-80, 85-90, and 95-100.
- SS confidence:** High confidence (red) for helices and beta-strands, low confidence (yellow/green) for loops.
- Disorder:** Disordered regions (grey) are at the N-terminus (70-74) and C-terminus (115-120).
- Disorder confidence:** High confidence (dark blue) for ordered regions, low confidence (light blue/yellow) for disordered regions.


Fragment 130-156:


- Sequence:** Y A I F F P Q D V H R P G C I M Q T A S E I R K I V V K V A L T A L N
- Secondary structure:** Shows alpha-helices (green cylinders) and beta-strands (blue arrows). Helices are at 135-140 and 145-150. Beta-strands are at 130-135 and 151-156.
- SS confidence:** High confidence (red) for helices and beta-strands, low confidence (yellow/green) for loops.
- Disorder:** Disordered regions (grey) are at the N-terminus (130-134) and C-terminus (151-156).
- Disorder confidence:** High confidence (dark blue) for ordered regions, low confidence (light blue/yellow) for disordered regions.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand