Caption:   
Kc167 Cells Exposed to dsRNA Targeting Act5C or to Cytochalasin DThe cells were exposed to dsRNA targeting Act5C for 4 d (A) or to cytochalasin D at 5 μM for 48 h (B). Tubulin is shown in red, DNA in green.

Question: What is the function of Act5C?  
   
A: It is a regulatory protein that controls gene expression   
B: It is a mitochondrial protein that produces ATP   
C: It is a structural protein that helps maintain cell shape   
D: It is an enzyme that catalyzes the breakdown of glucose.

Answer: It is a structural protein that helps maintain cell shape