

# Recombinant FUS5 protein (6\*His tag)



Catalog Number: 530096

## General Information

### Gene Name Synonym

Cop9 signalosome subunit 7; arabidopsis thaliana  
cop9 signalosome subunit 7; fusca 5

### Protein Construction

2-169 aa encoded by AT1G02090.1 was inserted  
into pET30a vector

### Organism

Arabidopsis thaliana

### Expression Host

E. coli

## QC Testing

### Activity

Not tested.

### Purity

85%, by SDS-PAGE with Coomassie Brilliant Blue  
staining.

### Endotoxin

Please contact the lab for more information.

### Stability

Store for up to 12 months at -20°C to -80°C as  
lyophilized powder.

### Formulation

The purified protein was Lyophilized from sterile  
PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM

NaCl, pH7.). 5 % trehalose and 5 % mannitol are  
added as protectants before lyophilization.

## Usage Guide

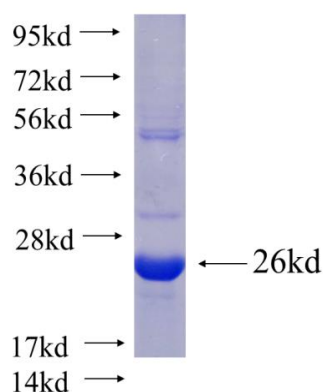
### Storage

Store it under sterile conditions at -20°C to -80°C.  
It is recommended that the protein be aliquoted  
for optimal storage. Avoid repeated freeze-thaw  
cycles.

### Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water  
for short-term storage. Reconstitution with 200 µl  
50% glycerol solution is recommended for longer  
term storage (see Stability and Storage for more  
details). If a different concentration is needed for  
your purposes please adjust the reconstitution  
volume as required (please note: the ion  
concentration of the final solution will vary  
according to the volume used). Note: Centrifuge  
vial before opening. When reconstituting, gently  
pipet and wash down the sides of the vial to  
ensure full recovery of the protein into solution.

### SDS-PAGE



Recombinant Arabidopsis thaliana FUS5 SDS-  
PAGE