# **Recombinant GFS1 protein (6\*His tag)**

Catalog Number: 530212



## **General Information**

## **Gene Name Synonym**

Arabidopsis thaliana epidermal growth factor receptor-like protein; modified transport to the vacuole 18; green fluorescent seed 1; binding protein of 80 kda 1;1; vacuolar sorting receptor homolog 1

#### **Protein Construction**

20-182 aa encoded by AT3G52850.1 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 Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.

# **Usage Guide**

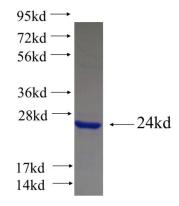
#### **Storage**

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  $\mu$ g/ $\mu$ l in 200  $\mu$ l sterile water for short-term storage. Reconstitution with 200  $\mu$ l 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 GFS1 SDS-PAGE