# Human PSME3 / PA28-gamma (His Tag) recombinant protein

Catalog Number: 501931



## **General Information**

## **Gene Name Synonym**

11S regulator complex subunit gamma; Activator of multicatalytic protease subunit 3; Ki nuclear autoantigen; Proteasome activator 28 subunit gamma

## **Protein Construction**

A DNA sequence encoding the human PSME3 (P61289-1) (Met1-Tyr254) was expressed with a polyhistidine tag at the N-terminus.

## **Organism**

Human

## **Expression Host**

E. coli

## **QC Testing**

### **Purity**

> 90 % as determined by SDS-PAGE

### **Endotoxin**

Please contact us for more information.

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

#### Predicted N terminal

His

### **Molecular Mass**

The recombinant human PSME3 consists of 269 amino acids and predicts a molecular mass of 31.3 KDa. It migrates as an approximately 28-33 KDa band in SDS-PAGE under reducing conditions.

### **Formulation**

Lyophilized from sterile 50mM Tris, 200mM NaCl, 40% Glycerol, pH 8.0.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

## **Usage Guide**

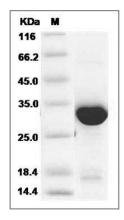
## Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human PSME3 / PA28-gamma Protein (His Tag) SDS-PAGE