

# Human CALML5 (His & GST Tag) recombinant protein



Catalog Number: 501529

## General Information

### Gene Name Synonym

Calmodulin-like skin protein

### Protein Construction

A DNA sequence encoding the human CALML5 (AAH39172.1) (Met 1-Glu 146) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 92 % 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

Met

### Molecular Mass

The recombinant human CALML5/GST chimera

consists of 388 amino acids and has a calculated molecular mass of 44.2 kDa. It migrates as an approximately 43 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 150mM NaCl, 1mM DTT, 0.5mM GSH, 10% glycerol, pH 7.8  
1. 5 % trehalose and mannitol are added as protectants before lyophilization.  
2. Please contact us for any concerns or special requirements.

## Usage Guide

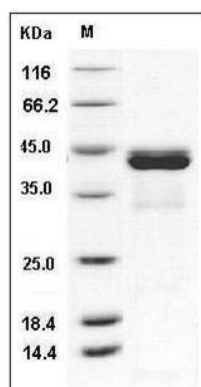
### Storage

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 CALML5 / CLSP Protein (His & GST Tag)  
SDS-PAGE