

## General Information

### Gene Name Synonym

Sperm 22 kDa protein c113

### Protein Construction

A DNA sequence encoding the human C19orf36 (Q1ZYL8) (Met1-His214) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 96 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Cys 18

### Molecular Mass

The recombinant human C19orf36/Fc comprises 438 amino acids and has a predicted molecular mass of 49.8 kDa. The apparent molecular mass of the protein is approximately 55-59 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

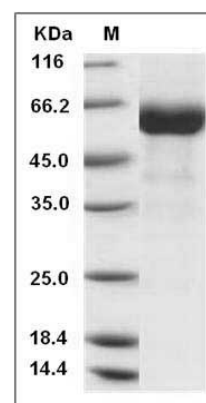
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 IZUMO4 / C19orf36 Protein (Fc Tag) SDS-PAGE