

## General Information

### Gene Name Synonym

T-cell activation protein P600

### Protein Construction

A DNA sequence encoding the mouse IL13 (P20109) (Pro22-Phe131) was expressed and purified.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured in a cell proliferation assay using TF1 human erythroleukemic cells (Kitamura, T. et al. (1989) J. Cell Physiol. 140:323.).

The ED<sub>50</sub> for this effect is typically 2-10 ng/mL.

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

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

### Predicted N terminal

Pro 22

### Molecular Mass

The recombinant mouse IL13 consists of 110 amino acids and predicts a molecular mass of 12.1 KDa. It migrates as an approximately 14 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.5

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

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

## Usage Guide

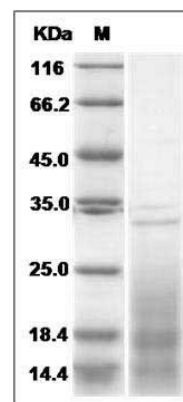
### Storage

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



Mouse IL13 / ALRH Protein SDS-PAGE