

# Mouse IL-25 (His Tag) recombinant protein



Catalog Number: 502168

## General Information

### Gene Name Synonym

Interleukin 25; Myeloid-derived growth factor

### Protein Construction

A DNA sequence encoding the mature form of mouse IL25 (NP\_542767.1) (Val 17-Ala 169) was expressed with a N-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

Measured by its binding ability in a functional ELISA.

Immobilized mouse IL25-His (Cat#50138-M07H) at 10 µg/mL (100 µl/well) can bind biotinylated mouse IL17BR-His (Cat:502256) with a linear range of 3.125-50 ng/mL.

### Purity

> 80 % 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

Gly

### Molecular Mass

The secreted recombinant mouse IL25 consists of 175 amino acids and has a calculated molecular mass of 20 kDa. As a result of glycosylation, rmIL25 migrates with the MW of approximately 30-35 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

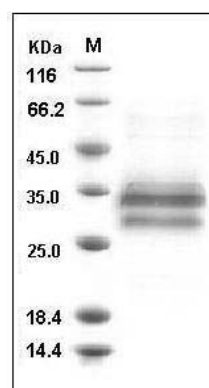
### Storage

Store it under sterile conditions at -20°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 IL25 Protein (His Tag) SDS-PAGE