

# Human IL-24/MDA-7 (His Tag) recombinant protein



Catalog Number: 500655

## General Information

### Gene Name Synonym

Melanoma differentiation-associated gene 7 protein; Suppression of tumorigenicity 16 protein

### Protein Construction

A DNA sequence encoding the human IL24 isoform 3 (NP\_001172085.1) (Met 1-Leu 207) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 94 % 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

Gln 53

### Molecular Mass

The secreted recombinant human IL24 consists of

166 amino acids and has a predicted molecular mass of 19.5 kDa. As a result of different glycosylation, the apparent molecular mass of rhIL24 is approximately 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

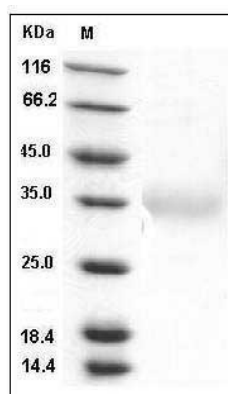
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  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 IL-24 / MDA-7 Protein (His Tag) SDS-PAGE