

# Human HGFA / HGF Activator (His Tag) recombinant protein



Catalog Number: 500272

## General Information

### Gene Name Synonym

Hepatocyte growth factor activator short chain;  
Hepatocyte growth factor activator long chain

### Protein Construction

A DNA sequence encoding the human HGF activator precursor (NP\_001519.1) (Met 1-Ser 655) was expressed with a fused polyhistidine-tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % 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 36

### Molecular Mass

The recombinant human HGF activator consists of 631 amino acids and has a predicted molecular

mass of 68.2 kDa. As a result of proteolysis or autocatalysis and glycosylation, it migrates as four bands (34, 37, 65, 105 kDa) in SDS-PAGE under reducing conditions, corresponding to the active long chain, uncleaved single chain (long chain + short chain), pro domain and the full-length pro form of HGFA respectively.

### 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

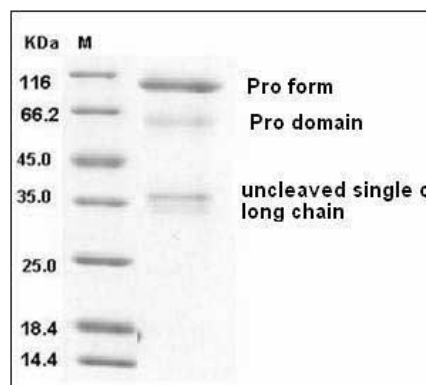
### Storage

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 HGFA Protein (His Tag) SDS-PAGE