

# Recombinant Human HDGF Protein

Catalog No.: RP00608 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	3068	P51858

### Tags

C-6xHis

### Synonyms

HDGF; HMG1L2; heparin binding growth factor;HMG1L2

## Product Information

Source	Purification
<i>E. coli</i>	> 95% by SDS-PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μM filtered solution of 20mM Tris, 1mM DTT, 1mM EDTA, pH 7.5Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in 1X PBS.

## Background

Hepatoma-Derived Growth Factor is a original member of the HDGF family. HDGF is a cytoplasmic protein and contains one PWWP domain. HDGF expression levels are high in the nucleus and cytoplasm of smooth muscle and endothelial cells. HDGF has proliferative, angiogenic and neurotrophic activity. HDGF was initially characterized as a secreted mitogen from the Huh-7 human hepatoma cell line. As a heparin-binding protein, which is highly expressed in tumor cells where it stimulates proliferation. HDGF has mitogenic activity for fibroblasts and acts as a transcriptional repressor. It has been shown that HDGF is linked with tumorigenesis and the growth of cancer.

## Basic Information

### Description

Recombinant Human HDGF Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Tyr100) of human HDGF (Accession #P51858) fused with a 6xHis tag at the C-terminus.

### Bio-Activity

### Storage

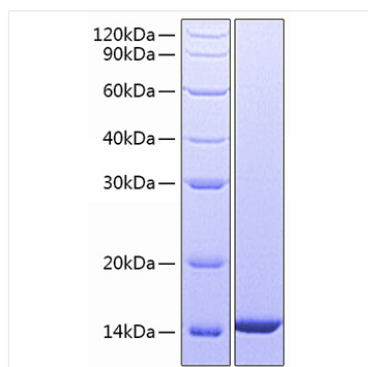
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant Human HDGF Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.