

Human HDGF Protein (His Tag)

General Information

Cat: NG-PT0031

Name: Hepatoma-derived growth factor (HDGF)

Gene Name: HDGF

Source: Human

Lot No.: 20251016

Source: Recombinant expression

Tag: C-terminal His tag

Expression Host: E. coli

Form: Liquid or Lyophilized powder

Stability:

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

Storage:

4°C for frequent usage, -70°C for long-term storage.

Avoid repeated freeze-thaw cycles.

Tips:

The liquid samples usually form an inhomogeneous state after freezing and thawing. In order to get an uniform sample concentration, mix the sample gently with pipette and centrifuge it before use please. The 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilizaton.

QC Testing

Concentration: 1 mg/ml (determined by A280)

Purity: > 90 % as determined by SDS-PAGE.

Buffer: Sterile 1×PBS (pH7.4)

Predicted N terminal: Met

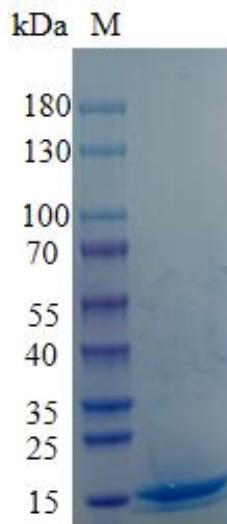
Endotoxin:

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

Molecular Mass:

The predicted molecular mass of HDGF is 14.8 kDa.

SDS-PAGE:



Protein Description:

HDGF is a secretory multifunctional protein with biological activities of promoting cell proliferation, migration, and angiogenesis. It plays an important role in embryonic development and tissue repair, and is also closely associated with the occurrence and progression of various tumors.