



Recombinant Human HDGF Protein Product Manual

1. Product Basic Information

Product No.: REP07100

Protein Name: Heparin Binding Growth Factor (HDGF)

Aliases: heparin binding growth factor; hepatoma derived growth factor; hepatoma-derived growth factor

UniProt ID: P51858

UniProt Link: <https://www.uniprot.org/uniprotkb/P51858/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-240aa)

Molecular Weight: 33.7 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-240aa)

MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAVKSTANKYQVFFFGTHET
AFLGPKDLFPYEESEKFKGPNKRKGFSEGLWEIENNPTVKASGYQSSQKKSCVEE
PEPEPEAAEGDGDKKGNAEGSSDEEGKLVIDEPAKEKNEKGALKRRAGDLLEDSP
KRPKEAENPEGEEKEAATLEVERPLPMEVEKNSTPSEPGSGRGPPQEEEEEEDEE
EEATKEDAEAPGIRDHESL

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Human HDGF full length protein (1-240aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. HDGF, also known as heparin binding growth factor or hepatoma derived growth factor or hepatoma-derived growth factor, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.