

Recombinant Full Length Human HDGF Protein, His tagged

Cat. No. HDGF-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HDGF Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-240 aa
Description	This gene encodes a member of the hepatoma-derived growth factor family. The encoded protein has mitogenic and DNA-binding activity and may play a role in cellular proliferation and differentiation. High levels of expression of this gene enhance the growth of many tumors. This gene was thought initially to be located on chromosome X; however, that location has been determined to correspond to a related pseudogene. Alternatively spliced transcript variants encoding distinct isoforms have been described.
Tag	His
Molecular Mass	28 kDa
AA Sequence	MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAVKSTANKYQVFFFGTHET AFLGPKDLFPYEEESKEKFGKPNKRKGFSEGLWEIENNPVKASGYQSSQKKSCVEE PEPEPEAAEGDGDKKGNAEGSSDEEGKLVIDEPAKEKNEKGALKRRAGDLLEDSPK RPKEAENPEGEEKEAATLEVERPLPMEVEKNSTPSEPGSGRGPPQEEEEEEEEEE EATKEDAEAPGIRDHESLHHHHHHHH

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Endotoxin	<1 EU/μg by LAL
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4
Concentration	1 mg/mL by BCA

GENE INFORMATION

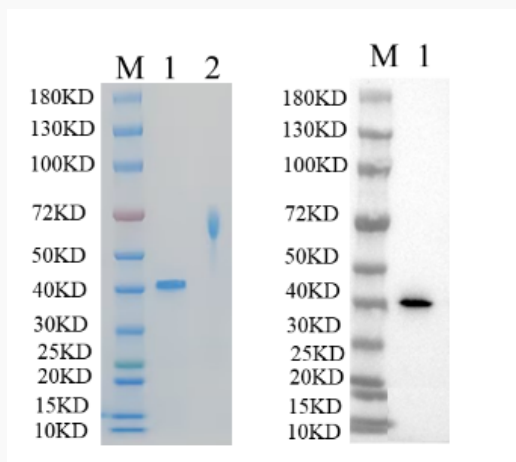
Gene Name	HDGF heparin binding growth factor [Homo sapiens (human)]
Official Symbol	HDGF
Synonyms	HDGF; hepatoma-derived growth factor; hepatoma derived growth factor (high mobility group protein 1 like); high mobility group protein 1 like; HMG1L2; HMG-1L2; high mobility group protein 1-like 2; FLJ96580; DKFZp686J1764;
Gene ID	3068
mRNA Refseq	NM_001126050
Protein Refseq	NP_001119522
MIM	600339
UniProt ID	P51858

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**Reducing 4%-20%
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
HDGF.**



1. HDGF: 1 μ g

2. BSA: 1 μ g

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