

Recombinant Human HDGF protein, His & T7-tagged

Cat. No. HDGF-620H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HDGF aa. (Tyr10~Leu240 (Accession # P51858)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Tyr10~Leu240
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.5kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 4.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

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

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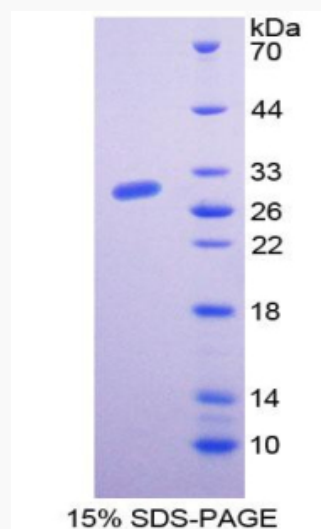
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UniProt ID

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SDS-PAGE

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