

Product information



HDGF, 1- 100 aa

Human, Recombinant, *E.coli*

Cat. No. IBATGP0402

Full name: Hepatoma-derived growth factor isoform a

NCBI Accession No.: NP_004485

Synonyms: HMG1L2

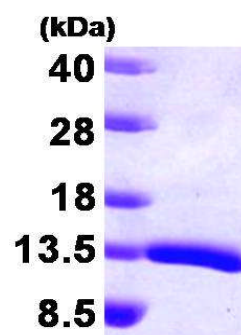
Description: Hepatoma-derived growth factor isoform a, also known as HDGF, belongs to the hepatoma-derived growth factor family. HDGF was originally identified as a secreted mitogen from the human hepatoma cell line Huh-7. This nuclear targeted vascular smooth muscle cell mitogen is a heparin-binding protein that is highly expressed in tumor cells where it stimulates proliferation. HDGF is also reported to be involved in organ development and lung remodeling after injury by promoting proliferation of lung epithelial cells. Recombinant human HDGF was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH7.5) containing 1mM DTT, 10% glycerol, 1mM EDTA

Molecular Weight: 11.5 kDa (100aa)

Purity: > 95% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MSRSNRQKEY KCGDLVFAKM KGYPHWPARI DEMPEAAVKS TANKYQVFFF GTHETAFLGP KDLFPYEESK EKFGKPNKRK GFSEGLWEIE
NNPTVKASGY

General references:

Everett AD., *et al.* (2003) *Curr Drug Targets*. 4(5):367-71.

Everett AD., *et al.* (2004) *Am J Physiol Lung Cell Mol Physiol*. 28(6):L1194-201.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.