

HDGF, 1-100aa, Human, E.coli

Cat.NO.: TP02425

3th Edition

Synonyms:Hepatoma-derived growth factor isoform a, 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.

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

Molecular Weight:11.5 kDa (100aa)

Sequences:

MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAVKSTANKYQVFFFGTHETAFLGPKDLFPYEESKEKFGK
PNKRKGFSEGLWEIENNPTVKASGY

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.