

HDGFRP3, 1-203aa, Human, His tag, E.coli

Cat.NO.: TP02427

3th Edition

Synonyms:Hepatoma-derived growth factor, related protein 3, HDGF2, HRP3.

Description:Hepatoma-derived growth factor, related protein 3, also known as HDGFRP3, is the original member of a family of polypeptides designated HDGF related proteins (HRPs). This protein enhances DNA synthesis and may play a role in cell proliferation. HDGFRP3 is expressed predominantly in the testis and brain, to an intermediate extent in the heart, and to a slight extent in the ovaries, kidneys, spleen, and liver in humans.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Molecular Weight:25.1 kDa (227aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMARPRPREYKAGDLVFAKMKGYPHWPARIDELPEGAVKPPANKYPIFFFG
THETAFLGPKDLFPYKEYKDKFGKSNKRKGFNEGLWEIENNPVKFTGYQAIQQSSSETEGEGGNTADASSEEE
GDRVEEDGKGKRKNEKAGSKRKKSYTSKSSKQSRKSPGDEDDKDCKEEENKSSSEGGDAGNDTRNTTSDLQK
TSEGT

Purity:> 95% by HPLC

Concentration:0.5 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.