

Recombinant Human Hepatoma-Derived Growth Factor, Related Protein 3, His-tagged

Cat. No. HDGFRP3-595H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HDGFRP3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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 (Molecular weight on SDS-PAGE will appear higher).
Purity	>90% by SDS-PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)

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Sequences of amino acids

MGSSHHHHHH SSGLVPRGSH MGSMMARPRP REYKAGDLVF AKMKGYPHWP
 ARIDELPEGA VKPPANKYPI FFFGTHETAFLGPDLFPYKEYKDKFGKSN
 KRKGFNEGLW EIENNPVGKF TGYQAIQQQS SSETEGEGGN TADASSEEEG
 DRVEEDGKKG RKNEKAGSKR KKSYSKSS KQSRKSPGDE DDKDCKEEEN
 KSSSEGGDAG NDTRNTTSDL QKTSEGT

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.

GENE INFORMATION

Gene Name HDGFRP3, hepatoma-derived growth factor, related protein 3 [Homo sapiens]

Official Symbol HDGFRP3

Synonyms HDGFRP3; hepatoma-derived growth factor, related protein 3; HDGF2; CGI-142; hepatoma-derived growth factor-related protein 3; HRP-3; HDGF-2; hepatoma-derived growth factor 2

Gene ID 50810

mRNA Refseq NM_016073

Protein Refseq NP_057157

UniProt ID Q9Y3E1

Chromosome Location 15q25.2

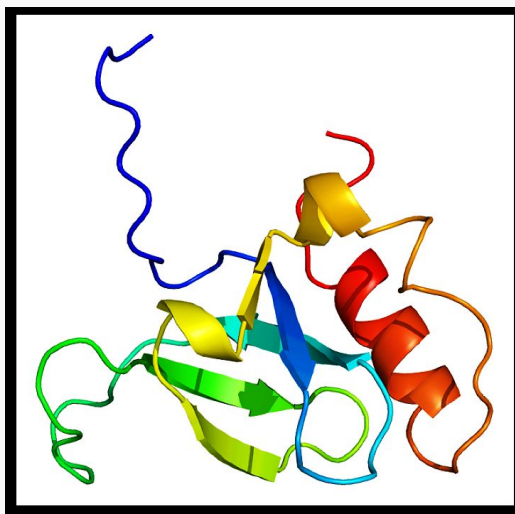
Function growth factor activity

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PDBrendering based
on 1n27.



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