

## 32-1300: HDGF2 Recombinant Protein

**Alternative Name :** Hepatoma-derived growth factor-related protein 3,HRP-3,Hepatoma-derived growth factor 2,HDGF-2,HDGFRP3,HDGF2,CGI-142.

### Description

Source : Escherichia Coli. HDGF2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 227 amino acids (1-203 a.a.) and having a molecular mass of 25.1kDa (Molecular weight on SDS-PAGE will appear higher). HDGF2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Hepatoma-derived growth factor, related protein 3 (HDGFRP3/HDGF2) is the original member of a family of polypeptides labeled HDGF related proteins (HRPs). The HDGF2 protein augments DNA synthesis and may play a part in cell proliferation. HDGF2 is expressed primarily in the testis and the brain, to an intermediate extent in the heart, and to a slight extent in the ovaries, kidneys, spleen, and liver in humans.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** HDGF2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSHMARPRP REYKAGDLVF AKMKGYPHWP ARIDELPEGA  
VKPPANKYPI FFFGTHETAF LGPKDLFPYK EYKDKFGKSN KRKGFNEGLW EIENNPVKF TGYQAIQQQS  
SSETEGEGGN TADASSEEEG DRVEEDGK GK RKNEKAGSKR KKSYSKSS KQSRKSPGDE  
DDKDCKEEEN KSSSEGGDAG NDTRNTTSDL QKTSEGT.