

HDGF Human

Hepatoma-Derived Growth Factor Human Recombinant
GRF0150

Product Overview

Name HDGF Human

Description

Hepatoma-Derived Growth Factor Human Recombinant

Accession (Primary) [P51858](#)

Synonyms

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

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

HDGF2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.

Stability

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MARPRP REYKAGDLVF AKMKGYPHWP ARIDELPEGA VKPPANKYPI
FFFGTHETAFLGPKDLFPYK EYKDKFGKSN KRKGFNEGLW EIENNPVVKF TGYQAIQQQS SSETEGEGGN
TADASSEEEG DRVEEDGKGGK RKNEKAGSKR KKSYSKSS KQSRKSPGDE DDKDCKEEEN KSSSEGGDAG

NDTRNTTSDL QKTSEGT.

Precautions

HDGF Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([P51858](#))
