HDGF2 Protein, Human (HEK293, His)

Cat. No.:	HY-P70942
Synonyms:	Hepatoma-Derived Growth Factor-Related Protein 3; HRP-3; Hepatoma-Derived Growth Factor 2; HDGF-2; HDGFRP3; HDGF2
Species:	Human
Source:	HEK293
Accession:	Q9Y3E1 (M1-T203)
Gene ID:	50810
Molecular Weight:	30-35 kDa

PROPERTIES

AA Sequence	M A R P R P R E Y K A G D L V F A K M K G Y P H W P A R I D E L P E G A V K P P A N K Y P I F F F G T H E T A F L G P K D L F P Y K E Y K D K F G K S N K R K G F N E G L W E I E N N P G V K F T G Y Q A I Q Q Q S S S E T E G E G G G N T A D A S S E E E G D R V E E D G K G K R K N E K A G S K R K K S Y T S K K S S K Q S R K S P G D E D D K D C K E E E N K S S S E G G D A G N D T R N T T S D L Q K T S E G T
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM MES, 150 mM NaCl, pH 5.5.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US;may vary elsewhere.

DESCRIPTION

Background	HDGF2 protein actively promotes cell proliferation by enhancing DNA synthesis. This protein plays a crucial role in facilitating the replication of DNA, a fundamental process required for cell division and growth. By actively promoting DNA synthesis, HDGF2 protein can contribute to the regulation of cell proliferation and tissue development. Understanding the specific mechanisms by which HDGF2 protein operates can provide insights into the intricate processes that govern cell growth and division, potentially leading to advancements in our understanding of developmental biology and the identification of new therapeutic targets for diseases characterized by abnormal cell proliferation.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA