

PRODUCT INFORMATION

HDGF (Hepatoma-derived growth factor), Mouse

Catalog number	C02070-5UG / C02070-20UG / C02070-100UG
Package	5 µg / 20 µg / 100 µg
Description	HDGF is a member of the hepatoma-derived growth factor family. HDGF plays a role as a secreted mitogen from the human hepatoma cell line Huh-7. HDGF is a nuclear targeted vascular smooth muscle cell mitogen as well as a heparin-binding protein that is greatly expressed in tumor cells where it stimulates proliferation. HDGF has several biochemical functions, for example, DNA binding, RNA polymerase II transcription corepressor activity, growth factor activity. Some of the functions are cooperated with other proteins, some of the functions could acted by HDGF itself.
Source	<i>Escherichia coli</i>
Sequence	MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAVKSTANKYQVFFFGT HETAFLGPKDLFPYEEESKEKFGKPNKRKGFSEGLWEIENNPTVKASGYQSSQK KSCAAEPEVEPEAHEGDGDKKGS AEGSSDEEGKLVIDEPAKEKNEKGLTKRRA GDVLEDSPKRPKESGDHEEEDKEIAALEGERPLPVEVEKNSTPSEPDSGQGGPP AEEEEGEEEAKEEAQAQGV RDHESL with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant mouse HDGF

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