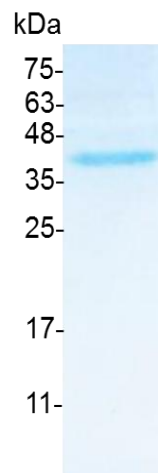


**HDGF (Hepatoma-derived growth factor), Mouse**

v. 231101

<b>Catalog number</b>	C02070-5UG / C02070-20UG / C02070-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	<p>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.</p>
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	<p>MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAVKSTANKYQVFFFGT          HETAFLGPKDLFPYEEESKEKFGKPNKRKGFSEGLWEIENNPVKASGYQSSQK          KSCAAEPEVEPEAHEGDGDKKGS AEGSSDEEGKLVIDEPAKEKNEKGT LKRRR          GDVLEDSPKRPKESGDHEEEDKEIAALEGERPLPVEVEKNSTPSEPDSGGQPP          AEEEEGEEEEAAKEEAEAQGV RDHESL with polyhistidine tag at the C-terminus</p>
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>98% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	<p>It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.</p>
<b>Stability &amp; Storage</b>	<p>This product is stable after storage at:</p> <ul style="list-style-type: none"> <li>-20°C for 12 months in lyophilized state from date of receipt.</li> <li>-20°C or -80°C for 1 month under sterile conditions after reconstitution.</li> </ul> <p>Avoid repeated freeze/thaw cycles.</p>



SDS-PAGE analysis of recombinant mouse HDGF

*For Research Use Only.*