

HDGF, Mouse, Recombinant

Cat. No. : PCK323

General Information

Synonyms	AI118077;D3Ert299;D3Ert299e
Species	Mouse
Expression host	E.coli
Sequence	MSRSNRQKEYKCGDLVFAKMGYPHWPARIDEMPEAAVKSTANKYQVFFFGTHETAFLGPKD LFPYEEESKEKFGKPNKRKGFSEGLWEIENNPTVKASGYQSSQKKSCAAEVEPEAHEGDGDK KGSAGSSDEEGKLVIDEPAKEKNEKGTLLRRAGDVLEDSPKRPKESGDHEEEDKEIAALEGERP LPVEVEKNSTPSEPDSGQGPAAEEEEEEEEAAKEEAQAQGVDRHESL with polyhistidine tag at the C-terminus.
Accession	P51859.2
Tag	His-tag at the C-terminus
Mol mass	27.08 kDa
Expiration date	12 months

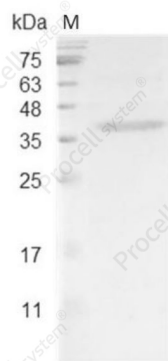
Product feature

Purity	> 98% as determined by SDS-PAGE. Ni-NTA chromatography.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
Shipping	Ice bag
Formulation	The protein was lyophilized from a 0.2 μm filtered solution containing 1 × PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Background

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.

SDS-PAGE



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