

Product Name: Recombinant Human HDGF (C-6His)
Catalog #: PEH0791

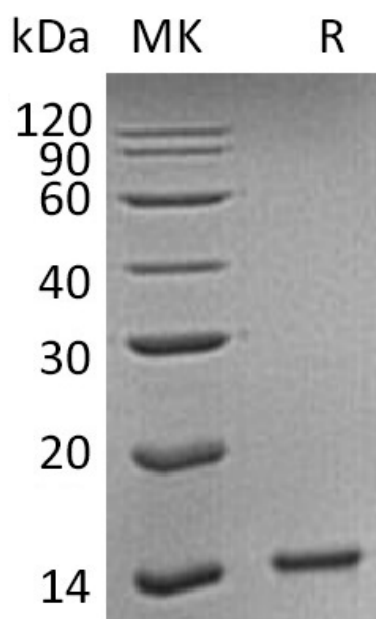


Summary

Name	HDGF/Hepatoma-derived growth factor
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Hepatoma-Derived Growth Factor is produced by our E.coli expression system and the target gene encoding Met1-Tyr100 is expressed with a 6His tag at the C-terminus.
Accession #	P51858
Host	E.coli
Species	Human
Predicted Molecular Mass	12.6 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 1mM DTT, 1mM EDTA, pH 7.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Hepatoma-Derived Growth Factor; HDGF; High Mobility Group Protein 1-Kike 2; HMG-1L2; HDGF; HMG1L2

Background

Hepatoma-Derived Growth Factor is a original member of the HDGF family. HDGF is a cytoplasmic protein and contains one PWWP domain. HDGF expression levels are high in the nucleus and cytoplasm of smooth muscle and endothelial cells. HDGF has proliferative, angiogenic and neurotrophic activity. HDGF was initially characterized as a secreted mitogen from the Huh-7 human hepatoma cell line. As a heparin-binding protein, which is highly expressed in tumor cells where it stimulates proliferation. HDGF has mitogenic activity for fibroblasts and acts as a transcriptional repressor. It has been shown that HDGF is linked with tumorigenesis and the growth of cancer.

Note

For Research Use Only , Not for Diagnostic Use.