

Product datasheet

Recombinant Human HDGF protein ab173057

Description

Product name	Recombinant Human HDGF protein
Purity	> 95 % SDS-PAGE. The purity of ab173057 is greater than 95% ,as determined by SEC-HPLC and reducing SDS-PAGE. It is supplied as an 0.2 µM filtered solution.
Endotoxin level	< 1.000 Eu/µg
Expression system	Escherichia coli
Accession	<u>P51858</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MSRSNRQKEYKCGDLVFAKMKGYPHWPARIDEMPEAAV KSTANKYQVFFF GTHETAFLGPKDLFPYEEESKEKFGKPNKRKGFSEGLWEI ENNPTVKASGY
Predicted molecular weight	13 kDa including tags
Amino acids	1 to 100
Tags	His tag C-Terminus
Additional sequence information	Sequence for the tag: LEHHHHHH

Specifications

Our **Abpromise guarantee** covers the use of **ab173057** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	HPLC SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.50

Constituents: 0.24% Tris, 0.03% EDTA, 0.02% DTT

General Info

Function	Heparin-binding protein, with mitogenic activity for fibroblasts. Acts as a transcriptional repressor.
Tissue specificity	Ubiquitous.
Sequence similarities	Belongs to the HDGF family. Contains 1 PWWP domain.
Domain	The PWWP domain harbors the heparin-binding sites and is responsible for DNA-binding, while the C-terminal region is essentially unstructured.
Post-translational modifications	Sumoylated by SUMO1. Sumoylation prevents binding to chromatin.
Cellular localization	Cytoplasm. Nucleus.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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