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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HGF (Human) Recombinant Protein

Catalog Number: P8758

Regulation Status: For research use only (RUO)

Product Description: Human HGF recombinant protein expressed in CHO Cells.

Host: Mammals

Theoretical MW (kDa): 75

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Lyophilized

Preparation Method: Mammalian cell (CHO) expression system

Purification: chromatographic

Purity: > 97% as determined by SDS-PAGE.

Activity: ED₅₀ is 20-40 ng/mL, determined by the dose-dependant proliferation of monkey 4MBr-5 indicator cells.

Storage Buffer: Protein (1.4 mg/mL) was lyophilized from a solution containing 1X PBS, pH 7.4, 0.02% Tween 80. Reconstitute the lyophilized powder in ddH₂O to 100 ug/mL.

Storage Instruction: Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid repeated freeze/thaw cycles.

Entrez GeneID: 3082

Gene Symbol: HGF

Gene Alias: F-TCF, HGFB, HPTA, SF

Gene Summary: Hepatocyte growth factor regulates

cell growth, cell motility, and morphogenesis by activating a tyrosine kinase signaling cascade after binding to the proto-oncogenic c-Met receptor. Hepatocyte growth factor is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. Its ability to stimulate mitogenesis, cell motility, and matrix invasion gives it a central role in angiogenesis, tumorigenesis, and tissue regeneration. It is secreted as a single inactive polypeptide and is cleaved by serine proteases into a 69-kDa alpha-chain and 34-kDa beta-chain. A disulfide bond between the alpha and beta chains produces the active, heterodimeric molecule. The protein belongs to the plasminogen subfamily of S1 peptidases but has no detectable protease activity. Alternative splicing of this gene produces multiple transcript variants encoding different isoforms. [provided by RefSeq]