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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: P8761

Regulation Status: For research use only (RUO)

Product Description: Human HGF partial recombinant protein expressed in *Escherichia coli*.

Sequence:

MQRKRRNTIHEFKKSAKTTLIKIDPALKIKTKKVNTADQ
CANRCTRNKGLPFTCKAFVFDKARKQCLWFPFNSMS
SGVKKEFGHEFDLYENKDYIRNCIIGKGRSYKGTVSITK
SGIKCQPWSSMIPHEHSYRGKDLQENYCRNPRGEEG
GPWCFTSNPEVRYEVCDDIPQCSEVECMTCTNGESYRG
LMDHTESGKICQRWDHQTTPHRHKFLPERYPDKGFDD
NYCRNPDGQPRPWCYTLDPHTRWEYCAIKTCET

Host: *Escherichia coli*

Theoretical MW (kDa): 29.8

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

Form: Liquid

Preparation Method: *Escherichia coli* expression
system

Purification: chromatographic

Purity: > 80% as determined by SDS-PAGE.

Storage Buffer: Solution (1 mg/mL) containing 20 mM
Tris-HCl, pH 8.0, 10% glycerol, 0.4 M Urea.

Storage Instruction: Store at 4°C for 2-4 weeks 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]