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Produktinformation



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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: P8759

Regulation Status: For research use only (RUO)

Product Description: Human HGF recombinant protein expressed in Insect cells.

Sequence:

QRKRRNTIHEFKKSAKTTLIKIDPALKIKTKKVNTADQC
ANRCTRNGLPFTCKAFVFDKARKQCLWFPNSMSS
GVKKEFGHEFDLYENKDYIRNCIIGKGRSYKGTVSITKS
GIKCQPWSSMIPHEHSYRGKDLQENYCRNPRGEEGG
PWCFTSNPEVRYEVCIPQCSEVECMTCSNGESYRGL
MDHTESGKICQRWDHQTPHRHKFLPERYPDKGFDDN
YCRNPDGQPRPWCYTLDPHTRWEYCAIKTCADNTMN
DTDVPLETTECIQGQGEYRGTVNTIWNIGIPCQRWDS
QYPHEHDMTPENFKCKDLRENYCRNPDGSESPWCFT
TDPNIRVGYCSQIPNCDSHGQDCYRGNKGNYMGNL
SQTRSGLTCSMWKDNMEDLHRHIFWEPDASKLNENY
CRNPDDDAHGPPWCYTGNPLIPWDYCPISRCEGDTTP
TIVNLDHPVISCAKTKQLRVVNGIPTRTNIGWMVSLRY
RNKHICGGSLIKESWVLTAQCFSRDLKDYEAWLGIH
DVHGRGDEKCKQVLNVSQLVYGPESDLVLMKLARP
AVLDDFVSTIDLPNYGCTIPEKTSVYGVGYTGLINY
DGLLRVAHLYIMGNEKCSQHHRGKVTLNESICAGAE
KIGSGPCEGDYGGPLVCEQHMKRMVLGVIVPGRGCAI
PNRPGIFVRVAYYAKWIHKIILTYKVPQS

Host: insect

Theoretical MW (kDa): 78

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

Form: Lyophilized

Preparation Method: Insect cells expression system

Purification: chromatographic

Purity: > 95% as determined by SDS-PAGE.

Activity: ED₅₀ is 2.0-5.0 ng/mL, assayed for scattering
activity in the MDCK cell assay.

Storage Buffer: Protein (1 mg/mL) was lyophilized from

a solution containing 50 mM acetic acid. Reconstitute
the lyophilized powder in 50 mM acetic acid 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]