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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FGF7 (Human) Recombinant protein

Catalog Number: P8860

Regulation Status: For research use only (RUO)

Product Description: Human FGF7 (P21781)
recombinant protein expressed in *Escherichia Coli*.

Sequence: MCNDMTPEQM ATNVNCSSPE
RHTRSVDYME GGDIVRRLF CRTQWYLRID
KRGKVKGTQE MKNNYNIMEI RTVAVGIVAI
KGVSEFYLA MNKEGKLYAK KECNEDCNFK
ELILENHNT YASAKWTHNG GEMFVALNQK
GIPVRGKTK KEQKTAHFLP MAIT.

Host: *Escherichia coli*

Theoretical MW (kDa): 18.995

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

Form: Lyophilized

Preparation Method: *Escherichia coli* expression
system

Purity: > 96% by SDS-PAGE.
> 96% by RP-HPLC.

Activity: The biological activity was determined by the
dose-dependent stimulation of thymidine uptake by
BaF3 cells expressing KGF receptors yielding an ED₅₀⁵
IU/mg.

Storage Buffer: Lyophilized from 20mM PB, pH 8.0, 1M
NaCl

Storage Instruction: Lyophilized although stable at
room temperature for 3 weeks. should be stored
desiccated below -20°C. Upon reconstitution should be
stored at 4°C between 2-7 days and for future use below
-20°C. For long term storage it is recommended to add a
carrier protein (0.1% HSA or BSA).
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2252

Gene Symbol: FGF7

Gene Alias: HBGF-7, KGF

Gene Summary: The protein encoded by this gene is a
member of the fibroblast growth factor (FGF) family.
FGF family members possess broad mitogenic and cell
survival activities, and are involved in a variety of
biological processes, including embryonic development,
cell growth, morphogenesis, tissue repair, tumor growth
and invasion. This protein is a potent epithelial cell-
specific growth factor, whose mitogenic activity is
predominantly exhibited in keratinocytes but not in
fibroblasts and endothelial cells. Studies of mouse and
rat homologs of this gene implicated roles in
morphogenesis of epithelium, reepithelialization of
wounds, hair development and early lung
organogenesis. [provided by RefSeq]