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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FGF2 (Human) Recombinant Protein

Catalog Number: P8130

Regulation Status: For research use only (RUO)

Product Description: Human FGF2 (P09038)
recombinant protein expressed in *Escherichia coli*.

Sequence:

AAGSITTLPALPEDGGSGAFPPGHFKDPKRLYCKNNG
FFLRIHPDGRVDGVREKSDPHIKLQLQAEERGVVSIKG
VCANRYLAMKEDGRLLASLKVCTDECFFFERLESNNYN
TYRSRKYTTSWYVALKRTGQYKLGSKTGPGQKAILFLP
MSAKS

Host: *Escherichia coli*

Theoretical MW (kDa): 17.2

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: > 98% by SDS-PAGE

Activity: The ED₅₀, calculated by the dose-dependant
proliferation of murine balb/c 3T3 cells is < 0.1ng/ml,
corresponding to a specific activity of greater than
1.0x10⁷ Units/mg.

Storage Buffer: Lyophilized from 20mM Tris-HCl, pH7.4
and 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.

Aliquot to avoid repeated freezing and
thawing._x005F_x005F_x005F_x000D__x005F_x000D_
For long term storage it is recommended to add a carrier
protein (0.1% HSA or BSA).

Gene Symbol: FGF2

Gene Alias: BFGF, FGFB, HBGF-2

Gene Summary: The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF. [provided by RefSeq]