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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FGF10 (Human) Recombinant protein

Catalog Number: P8863

Regulation Status: For research use only (RUO)

Product Description: Human FGF10 (O15520, 40 a.a. - 208 a.a) partial recombinant protein expressed in *Escherichia Coli*.

Sequence: MLGQDMVSPE ATNSSSSSFS

SPSSAGRHVR SYNHLQGDVR WRKLFSTKY
FLKIEKNGKV SGTKKENCPY SILEITSVEI
GVVAVKAINS NYYLAMNKKG KLYGSKEFNN
DCKLKERIEE NGYNTYASFN WQHNGRQMYV
ALNGKGAPRR GQKTRRKNTS AHFLPMVVHS.

Host: *Escherichia coli*

Theoretical MW (kDa): 19.3

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 ED₅₀, calculated by the dose-dependant stimulation of FGF receptors by BaF3 indicator cells (measured by 3H-thymidine uptake) is ⁶ units/mg.

Storage Buffer: Lyophilized from PBS, pH 7.4

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: 2255

Gene Symbol: FGF10

Gene Alias: -

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 exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of lim bud formation. This gene is also implicated to be a primary factor in the process of wound healing. [provided by RefSeq]