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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FGF12 (Human) Recombinant Protein

Catalog Number: P8610

Regulation Status: For research use only (RUO)

Product Description: Human FGF12 recombinant protein expressed in *Escherichia coli*.

Sequence:

MESKEPQLKGIVTRLFSQQGYFLQMHPDGTIDGTDKDE
NSDYTLFNLIPVGLRVVAIQGVKASLYVAMNGEGYLYS
SDVFTPECKFKESVFENYYVIYSSTLYRQQESGRAWF
LGLNKEGQIMKGNRVKKTTPSSHFPKPIEVCMYREQ
SLHEIGEKGGRSRKSSGTPTMNGGKVVNQDST

Host: *Escherichia coli*

Theoretical MW (kDa): 20.5

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

Purification: chromatography

Purity: > 98% as determined by (a) RP-HPLC.(b) SDS-
PAGE.

Activity: Determined by FGF12 binding ability in a
functional ELISA. Immobilized FGFR4/Fc Chimera at 5
ug/mL (100 uL/well) can bind FGF12 with a linear range
of 1.6100 ng/mL.

Storage Buffer: Lyophilized from a solution containing
1X PBS, pH7.4, 1mM DTT. Reconstitute the lyophilized
powder in ddH₂O 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.
Avoid repeated freeze/thaw cycles.

Entrez GeneID: 2257

Gene Symbol: FGF12

Gene Alias: FGF12B, FHF1

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 growth factor lacks the N-terminal signal sequence present in most of the FGF family members, but it contains clusters of basic residues that have been demonstrated to act as a nuclear localization signal. When transfected into mammalian cells, this protein accumulated in the nucleus, but was not secreted. The specific function of this gene has not yet been determined. Two alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]